

# Mond- und Dämmerungstabelle 2025

für die visuelle Deep-Sky-Beobachtung

Kirchheimbolanden 49.6664° N 8.0117° E

Berechnung: pyEphem  
Textsatz: L<sup>A</sup>T<sub>E</sub>X

## Atmosphären-Einstellungen in pyEphem

Standort.pressure = 1010.0  
Standort.horizon = '0:00:00.0'

Alle Zeitangaben beziehen sich auf den in der jeweiligen Zeile angegeben Kalendertag. Liegt ein Ereignis bereits nach Mitternacht, also schon am Folgetag, ist die Zeitangabe mit einem \* gekennzeichnet, z.B.: 00:20\*.

**Spalte 1** Kalendertag.

**Spalte 2** Bei »MESZ« sind alle Zeitangaben in dieser Zeile in Mitteleuropäischer Sommerzeit, ansonsten standardmäßig in MEZ.

**Spalte 3** Die für Deep-Sky-Beobachtungen nutzbare Zeitspanne: Es ist astronomisch dunkel (Sonne steht tiefer als  $-18^\circ$ ) und kein Mond stört.

**Spalte 4** Dauer der für Deep-Sky-Beobachtungen nutzbaren Zeitspanne.

**Spalte 5** Ereignisse, die die für Deep-Sky-Beobachtungen nutzbare Zeitspanne begrenzen: AN<sub>+</sub> (Einbruch der astronomischen Nacht = Ende der astr. Abenddämmerung), M<sub>v</sub> (Monduntergang), AN<sub>-</sub> (Ende der astronomischen Nacht = Beginn der astr. Morgendämmerung), M<sub>7</sub>

(Mondaufgang), Astr. MD (Astronomische Mitternachtsdämmerung), Naut. MD (Nautische Mitternachtsdämmerung).

**Spalte 6** Mondphase.

**Spalte 7** Mondaufgang.

**Spalte 8** Monduntergang.

**Spalte 9** Beginn der astr. Morgendämmerung (Sonnenhöhe =  $-18^\circ$ ).

**Spalte 10** Dauer der astr. Morgendämmerung.

**Spalte 11** Beginn der naut. Morgendämmerung (Sonnenhöhe =  $-12^\circ$ ).

**Spalte 12** Dauer der naut. Morgendämmerung.

**Spalte 13** Beginn der bürg. Morgendämmerung (Sonnenhöhe =  $-6^\circ$ ).

**Spalte 14** Dauer der bürg. Morgendämmerung.

**Spalte 15** Sonnenaufgang.

**Spalte 16** Taglänge.

**Spalte 17** Sonnenuntergang.

**Spalte 18** Dauer der bürg. Abenddämmerung.

**Spalte 19** Ende der bürg. Abenddämmerung (Sonnenhöhe =  $-6^\circ$ ).

**Spalte 20** Dauer der naut. Abenddämmerung.

**Spalte 21** Ende der naut. Abenddämmerung (Sonnenhöhe =  $-12^\circ$ ).

**Spalte 22** Dauer der astr. Abenddämmerung.

**Spalte 23** Ende der astr. Abenddämmerung (Sonnenhöhe =  $-18^\circ$ ).

**Spalte 24** Länge der Nacht.

**Spalte 25** Länge der astr. Nacht.

**Für Beobachter, die zu Zeiten der Mitternachtsdämmerung während der astr. Dämmerung beobachten möchten:**

**Spalte 26** Nutzbare Zeitspanne: Es ist »nautisch dunkel« (Sonne steht tiefer als  $-12^\circ$ ) und kein Mond stört.

**Spalte 27** Dauer der in Spalte 26 angegebenen Zeitspanne.

**Spalte 28** Ereignisse, die die nutzbare Zeitspanne begrenzen: ND<sub>+</sub> (Beginn der »naut. Dunkelheit« = Ende der naut. Abenddämmerung), M<sub>v</sub> (Monduntergang), ND<sub>-</sub> (Ende der »naut. Dunkelheit« = Beginn der naut. Morgendämmerung), M<sub>7</sub> (Mondaufgang), Naut. MD (Nautische Mitternachtsdämmerung).

**Spalte 29** Identisch zu Spalte 1.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
2025	Zeit- zone	Astr. dunkel und kein Mond			Mond			Beginn der Morgendämmerung					Sonne			Ende der Abenddämmerung					Nacht	Astr. N.	Naut. dunkel und kein Mond			2025			
			$\Delta t$		Ph.	$\nearrow$	$\searrow$	Astr.	$\Delta t$	Naut.	$\Delta t$	Bürg.	$\Delta t$	$\nearrow$	$\Delta t$	$\searrow$	$\Delta t$	Bürg.	$\Delta t$	Naut.	$\Delta t$	Astr.	$\Delta t$	$\Delta t$		$\Delta t$			
Mi, 1. Jan		18:38–06:25*	11h 47m	AN <sub>+</sub> bis AN <sub>-</sub>		10:03	18:05	06:25	38m	07:04	40m	07:44	40m	08:24	8h 14m	16:38	40m	17:18	40m	17:59	38m	18:38	15h 45m	11h 47m					Mi, 1. Jan
Do, 2. Jan		19:29–06:25*	10h 56m	M <sub>\</sub> bis AN <sub>-</sub>		10:29	19:29	06:25	38m	07:04	40m	07:44	40m	08:24	8h 15m	16:39	40m	17:19	40m	18:00	38m	18:38	15h 44m	11h 46m					Do, 2. Jan
Fr, 3. Jan		20:52–06:25*	9h 32m	M <sub>\</sub> bis AN <sub>-</sub>		10:50	20:52	06:25	38m	07:04	39m	07:44	39m	08:24	8h 16m	16:41	39m	17:20	40m	18:00	38m	18:39	15h 43m	11h 45m					Fr, 3. Jan
Sa, 4. Jan		22:14–06:25*	8h 10m	M <sub>\</sub> bis AN <sub>-</sub>		11:06	22:14	06:25	38m	07:04	39m	07:44	39m	08:24	8h 18m	16:42	39m	17:22	39m	18:01	38m	18:40	15h 41m	11h 44m					Sa, 4. Jan
So, 5. Jan		23:36–06:25*	6h 48m	M <sub>\</sub> bis AN <sub>-</sub>		11:21	23:36	06:25	38m	07:04	39m	07:44	39m	08:23	8h 19m	16:43	39m	17:23	39m	18:02	38m	18:41	15h 40m	11h 43m					So, 5. Jan
Mo, 6. Jan		00:58*–06:25*	5h 26m	M <sub>\</sub> bis AN <sub>-</sub>		11:35	—:—	06:25	38m	07:04	39m	07:43	39m	08:23	8h 20m	16:44	39m	17:24	39m	18:04	38m	18:42	15h 38m	11h 42m					Mo, 6. Jan
Di, 7. Jan		02:22*–06:24*	4h 02m	M <sub>\</sub> bis AN <sub>-</sub>	☾	11:50	00:58	06:25	38m	07:03	39m	07:43	39m	08:23	8h 22m	16:45	39m	17:25	39m	18:05	38m	18:43	15h 37m	11h 41m					Di, 7. Jan
Mi, 8. Jan		03:48*–06:24*	2h 36m	M <sub>\</sub> bis AN <sub>-</sub>		12:08	02:22	06:24	38m	07:03	39m	07:43	39m	08:22	8h 24m	16:46	39m	17:26	39m	18:06	38m	18:44	15h 35m	11h 39m					Mi, 8. Jan
Do, 9. Jan		05:14*–06:24*	1h 09m	M <sub>\</sub> bis AN <sub>-</sub>		12:31	03:48	06:24	38m	07:03	39m	07:42	39m	08:22	8h 25m	16:48	39m	17:27	39m	18:07	38m	18:45	15h 33m	11h 38m					Do, 9. Jan
Fr, 10. Jan		—:—:—:—	–	Mond stört		13:02	05:14	06:24	38m	07:03	39m	07:42	39m	08:21	8h 27m	16:49	39m	17:28	39m	18:08	38m	18:47	15h 31m	11h 37m					Fr, 10. Jan
Sa, 11. Jan		—:—:—:—	–	Mond stört		13:46	06:35	06:24	38m	07:02	39m	07:42	39m	08:21	8h 29m	16:50	39m	17:30	39m	18:09	38m	18:48	15h 29m	11h 35m					Sa, 11. Jan
So, 12. Jan		—:—:~:~	–	Mond stört		14:46	07:43	06:23	38m	07:02	39m	07:41	39m	08:20	8h 31m	16:52	39m	17:31	39m	18:10	38m	18:49	15h 27m	11h 33m					So, 12. Jan
Mo, 13. Jan		—:~:~:~	–	Mond stört	☾	15:58	08:35	06:23	38m	07:01	39m	07:41	38m	08:20	8h 33m	16:53	38m	17:32	39m	18:12	38m	18:50	15h 25m	11h 32m					Mo, 13. Jan
Di, 14. Jan		—:~:~:~	–	Mond stört		17:18	09:11	06:22	38m	07:01	39m	07:40	38m	08:19	8h 35m	16:55	38m	17:34	39m	18:13	38m	18:51	15h 23m	11h 30m					Di, 14. Jan
Mi, 15. Jan		—:~:~:~	–	Mond stört		18:37	09:37	06:22	38m	07:00	39m	07:39	38m	08:18	8h 37m	16:56	38m	17:35	39m	18:14	38m	18:52	15h 21m	11h 28m					Mi, 15. Jan
Do, 16. Jan		18:54–19:53	59m	AN <sub>+</sub> bis M <sub>7</sub>		19:53	09:56	06:21	38m	07:00	39m	07:39	38m	08:17	8h 40m	16:58	38m	17:36	39m	18:15	38m	18:54	15h 19m	11h 27m					Do, 16. Jan
Fr, 17. Jan		18:55–21:06	2h 11m	AN <sub>+</sub> bis M <sub>7</sub>		21:06	10:10	06:21	38m	06:59	39m	07:38	38m	08:17	8h 42m	16:59	38m	17:38	39m	18:17	38m	18:55	15h 16m	11h 25m					Fr, 17. Jan
Sa, 18. Jan		18:56–22:16	3h 19m	AN <sub>+</sub> bis M <sub>7</sub>		22:16	10:23	06:20	38m	06:58	38m	07:37	38m	08:16	8h 44m	17:01	38m	17:39	38m	18:18	38m	18:56	15h 14m	11h 23m					Sa, 18. Jan
So, 19. Jan		18:57–23:24	4h 26m	AN <sub>+</sub> bis M <sub>7</sub>		23:24	10:34	06:20	38m	06:58	38m	07:37	38m	08:15	8h 47m	17:02	38m	17:40	38m	18:19	38m	18:57	15h 11m	11h 21m					So, 19. Jan
Mo, 20. Jan		18:59–00:32*	5h 33m	AN <sub>+</sub> bis M <sub>7</sub>		—:—	10:46	06:19	38m	06:57	38m	07:36	38m	08:14	8h 49m	17:04	38m	17:42	38m	18:21	38m	18:59	15h 09m	11h 19m					Mo, 20. Jan
Di, 21. Jan		19:00–01:42*	6h 41m	AN <sub>+</sub> bis M <sub>7</sub>	☾	00:32	10:58	06:18	38m	06:56	38m	07:35	38m	08:13	8h 52m	17:05	38m	17:43	38m	18:22	38m	19:00	15h 06m	11h 17m					Di, 21. Jan
Mi, 22. Jan		19:01–02:53*	7h 51m	AN <sub>+</sub> bis M <sub>7</sub>		01:42	11:13	06:17	37m	06:55	38m	07:34	37m	08:12	8h 55m	17:07	37m	17:45	38m	18:23	38m	19:01	15h 03m	11h 15m					Mi, 22. Jan
Do, 23. Jan		19:03–04:06*	9h 03m	AN <sub>+</sub> bis M <sub>7</sub>		02:53	11:32	06:17	37m	06:54	38m	07:33	37m	08:11	8h 57m	17:08	37m	17:46	38m	18:25	37m	19:03	15h 01m	11h 12m					Do, 23. Jan
Fr, 24. Jan		19:04–05:18*	10h 13m	AN <sub>+</sub> bis M <sub>7</sub>		04:06	11:57	06:16	37m	06:54	38m	07:32	37m	08:10	9h 00m	17:10	37m	17:48	38m	18:26	37m	19:04	14h 58m	11h 10m					Fr, 24. Jan
Sa, 25. Jan		19:05–06:14*	11h 08m	AN <sub>+</sub> bis AN <sub>-</sub>		05:18	12:31	06:15	37m	06:53	38m	07:31	37m	08:08	9h 03m	17:12	37m	17:49	38m	18:28	37m	19:05	14h 55m	11h 08m					Sa, 25. Jan
So, 26. Jan		19:07–06:13*	11h 06m	AN <sub>+</sub> bis AN <sub>-</sub>		06:23	13:20	06:14	37m	06:52	38m	07:30	37m	08:07	9h 06m	17:13	37m	17:51	38m	18:29	37m	19:07	14h 52m	11h 06m					So, 26. Jan
Mo, 27. Jan		19:08–06:12*	11h 03m	AN <sub>+</sub> bis AN <sub>-</sub>		07:18	14:24	06:13	37m	06:51	38m	07:29	37m	08:06	9h 08m	17:15	37m	17:52	38m	18:30	37m	19:08	14h 49m	11h 03m					Mo, 27. Jan
Di, 28. Jan		19:10–06:11*	11h 01m	AN <sub>+</sub> bis AN <sub>-</sub>		08:00	15:41	06:12	37m	06:50	38m	07:28	37m	08:05	9h 11m	17:17	37m	17:54	38m	18:32	37m	19:10	14h 46m	11h 01m					Di, 28. Jan
Mi, 29. Jan		19:11–06:10*	10h 58m	AN <sub>+</sub> bis AN <sub>-</sub>	☾	08:31	17:06	06:11	37m	06:48	37m	07:26	37m	08:03	9h 14m	17:18	37m	17:55	38m	18:33	37m	19:11	14h 43m	10h 58m					Mi, 29. Jan
Do, 30. Jan		19:12–06:09*	10h 56m	AN <sub>+</sub> bis AN <sub>-</sub>		08:54	18:32	06:10	37m	06:47	37m	07:25	36m	08:02	9h 17m	17:20	36m	17:57	37m	18:35	37m	19:12	14h 40m	10h 56m					Do, 30. Jan
Fr, 31. Jan		19:57–06:07*	10h 10m	M <sub>\</sub> bis AN <sub>-</sub>		09:12	19:57	06:09	37m	06:46	37m	07:24	36m	08:01	9h 20m	17:22	36m	17:58	37m	18:36	37m	19:14	14h 37m	10h 53m					Fr, 31. Jan
Sa, 1. Feb		21:22–06:06*	8h 44m	M <sub>\</sub> bis AN <sub>-</sub>		09:27	21:22	06:07	37m	06:45	37m	07:23	36m	07:59	9h 24m	17:23	36m	18:00	37m	18:38	37m	19:15	14h 34m	10h 50m					Sa, 1. Feb
So, 2. Feb		22:45–06:05*	7h 19m	M <sub>\</sub> bis AN <sub>-</sub>		09:42	22:45	06:06	37m	06:44	37m	07:21	36m	07:58	9h 27m	17:25	36m	18:02	37m	18:39	37m	19:17	14h 31m	10h 48m					So, 2. Feb
Mo, 3. Feb		00:10*–06:04*	5h 53m	M <sub>\</sub> bis AN <sub>-</sub>		09:56	—:—	06:05	37m	06:42	37m	07:20	36m	07:56	9h 30m	17:27	36m	18:03	37m	18:41	37m	19:18	14h 28m	10h 45m					Mo, 3. Feb
Di, 4. Feb		01:36*–06:02*	4h 26m	M <sub>\</sub> bis AN <sub>-</sub>		10:13	00:10	06:04	37m	06:41	37m	07:19	36m	07:55	9h 33m	17:28	36m	18:05	37m	18:42	37m	19:20	14h 24m	10h 42m					Di, 4. Feb
Mi, 5. Feb		03:02*–06:01*	2h 59m	M <sub>\</sub> bis AN <sub>-</sub>	☾	10:34	01:36	06:02	37m	06:40	37m	07:17	36m	07:53	9h 36m	17:30	36m	18:06	37m	18:44	37m	19:21	14h 21m	10h 39m					Mi, 5. Feb
Do, 6. Feb		04:24*–06:00*	1h 35m	M <sub>\</sub> bis AN <sub>-</sub>		11:02	03:02	06:01	37m	06:38	37m	07:16	36m	07:52	9h 40m	17:32	36m	18:08	37m	18:45	37m	19:23	14h 18m	10h 37m					Do, 6. Feb
Fr, 7. Feb		05:35*–05:58*	23m	M <sub>\</sub> bis AN <sub>-</sub>		11:41	04:24	06:00	37m	06:37	37m	07:14	35m	07:50	9h 43m	17:34	35m	18:10	37m	18:47	37m	19:24	14h 15m	10h 34m					Fr, 7. Feb
Sa, 8. Feb		—:~:~:~	–	Mond stört		12:34	05:35	05:58	37m	06:36	37m	07:13	35m	07:49	9h 46m	17:35	35m	18:11	37m	18:48	37m	19:26	14h 11m	10h 31m					Sa, 8. Feb
So, 9. Feb		—:~:~:~	–	Mond stört		13:42	06:31	05:57	37m	06:34	37m	07:11	35m	07:47	9h 49m	17:37	35m	18:13	37m	18:50	37m	19:27	14h 08m	10h 28m					So, 9. Feb
Mo, 10. Feb		—:~:~:~	–	Mond stört		14:58	07:11	05:55	37m	06:33	37m	07:10	35m	07:45	9h 53m	17:39	35m	18:14	37m	18:51	37m	19:29	14h 04m	10h 25m					Mo, 10. Feb
Di, 11. Feb		—:~:~:~	–	Mond stört		16:17	07:40	05:54	37m	06:31	36m	07:08	35m	07:44	9h 56m	17:40	35m	18:16	37m	18:53	37m	19:30	14h 01m	10h 22m					Di, 11. Feb
Mi,																													

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
2025	Zeit- zone	Astr. dunkel und kein Mond			Mond			Beginn der Morgendämmerung					Sonne			Ende der Abenddämmerung					Nacht	Astr. N.	Naut. dunkel und kein Mond			2025		
			$\Delta t$		Ph.	$\nearrow$	$\searrow$	Astr.	$\Delta t$	Naut.	$\Delta t$	Bürg.	$\Delta t$	$\nearrow$	$\Delta t$	$\searrow$	$\Delta t$	Bürg.	$\Delta t$	Naut.	$\Delta t$	Astr.	$\Delta t$	$\Delta t$		$\Delta t$		
Do, 20. Feb		19:44–03:00*	7h 15m	AN <sub>+</sub> bis M <sub>7</sub>	☾	01:48	09:56	05:39	37m	06:16	36m	06:53	34m	07:27	10h 28m	17:56	34m	18:30	36m	19:07	37m	19:44	13h 29m	9h 53m				Do, 20. Feb
Fr, 21. Feb		19:46–04:08*	8h 22m	AN <sub>+</sub> bis M <sub>7</sub>		03:00	10:25	05:37	37m	06:14	36m	06:51	34m	07:25	10h 31m	17:57	34m	18:32	36m	19:09	37m	19:46	13h 26m	9h 49m				Fr, 21. Feb
Sa, 22. Feb		19:47–05:07*	9h 19m	AN <sub>+</sub> bis M <sub>7</sub>		04:08	11:07	05:35	37m	06:13	36m	06:49	34m	07:24	10h 35m	17:59	34m	18:34	36m	19:10	37m	19:47	13h 22m	9h 46m				Sa, 22. Feb
So, 23. Feb		19:49–05:32*	9h 42m	AN <sub>+</sub> bis AN <sub>-</sub>		05:07	12:03	05:34	37m	06:11	36m	06:47	34m	07:22	10h 38m	18:01	34m	18:35	36m	19:12	37m	19:49	13h 19m	9h 42m				So, 23. Feb
Mo, 24. Feb		19:51–05:30*	9h 39m	AN <sub>+</sub> bis AN <sub>-</sub>		05:54	13:13	05:32	37m	06:09	36m	06:45	34m	07:20	10h 42m	18:02	34m	18:37	36m	19:13	37m	19:51	13h 15m	9h 39m				Mo, 24. Feb
Di, 25. Feb		19:52–05:28*	9h 35m	AN <sub>+</sub> bis AN <sub>-</sub>		06:29	14:35	05:30	37m	06:07	36m	06:43	34m	07:18	10h 46m	18:04	34m	18:38	36m	19:15	37m	19:52	13h 11m	9h 35m				Di, 25. Feb
Mi, 26. Feb		19:54–05:26*	9h 32m	AN <sub>+</sub> bis AN <sub>-</sub>		06:55	16:01	05:28	37m	06:05	36m	06:41	34m	07:16	10h 49m	18:06	34m	18:40	36m	19:16	37m	19:54	13h 08m	9h 32m				Mi, 26. Feb
Do, 27. Feb		19:55–05:24*	9h 28m	AN <sub>+</sub> bis AN <sub>-</sub>		07:15	17:28	05:26	37m	06:03	36m	06:39	34m	07:14	10h 53m	18:07	34m	18:42	36m	19:18	37m	19:55	13h 04m	9h 28m				Do, 27. Feb
Fr, 28. Feb		19:57–05:22*	9h 24m	AN <sub>+</sub> bis AN <sub>-</sub>	☉	07:32	18:55	05:24	37m	06:01	36m	06:38	34m	07:12	10h 57m	18:09	34m	18:43	36m	19:20	37m	19:57	13h 00m	9h 24m				Fr, 28. Feb
Sa, 1. Mär		20:22–05:20*	8h 57m	M <sub>\</sub> bis AN <sub>-</sub>		07:47	20:22	05:22	37m	05:59	36m	06:36	34m	07:10	11h 00m	18:11	34m	18:45	36m	19:21	37m	19:59	12h 57m	9h 21m				Sa, 1. Mär
So, 2. Mär		21:50–05:18*	7h 28m	M <sub>\</sub> bis AN <sub>-</sub>		08:02	21:50	05:20	37m	05:57	36m	06:34	34m	07:08	11h 04m	18:12	34m	18:46	36m	19:23	37m	20:00	12h 53m	9h 17m				So, 2. Mär
Mo, 3. Mär		23:18–05:16*	5h 57m	M <sub>\</sub> bis AN <sub>-</sub>		08:18	23:18	05:18	37m	05:55	36m	06:32	34m	07:06	11h 08m	18:14	34m	18:48	36m	19:24	37m	20:02	12h 49m	9h 13m				Mo, 3. Mär
Di, 4. Mär		00:47*–05:14*	4h 26m	M <sub>\</sub> bis AN <sub>-</sub>		08:38	—:—	05:16	37m	05:53	36m	06:30	34m	07:04	11h 11m	18:15	34m	18:50	36m	19:26	37m	20:04	12h 46m	9h 10m				Di, 4. Mär
Mi, 5. Mär		02:13*–05:11*	2h 58m	M <sub>\</sub> bis AN <sub>-</sub>		09:04	00:47	05:14	37m	05:51	36m	06:27	34m	07:02	11h 15m	18:17	34m	18:51	36m	19:28	37m	20:05	12h 42m	9h 06m				Mi, 5. Mär
Do, 6. Mär		03:29*–05:09*	1h 40m	M <sub>\</sub> bis AN <sub>-</sub>	☾	09:40	02:13	05:11	37m	05:49	36m	06:25	34m	06:59	11h 19m	18:19	34m	18:53	36m	19:29	37m	20:07	12h 38m	9h 02m				Do, 6. Mär
Fr, 7. Mär		04:29*–05:07*	37m	M <sub>\</sub> bis AN <sub>-</sub>		10:29	03:29	05:09	37m	05:47	36m	06:23	33m	06:57	11h 22m	18:20	34m	18:54	36m	19:31	37m	20:09	12h 34m	8h 58m				Fr, 7. Mär
Sa, 8. Mär		—:—:—:—	–	Mond stört		11:32	04:29	05:07	37m	05:45	36m	06:21	33m	06:55	11h 26m	18:22	34m	18:56	36m	19:32	37m	20:10	12h 31m	8h 54m				Sa, 8. Mär
So, 9. Mär		—:—:—:—	–	Mond stört		12:45	05:14	05:05	37m	05:43	36m	06:19	33m	06:53	11h 30m	18:23	34m	18:58	36m	19:34	37m	20:12	12h 27m	8h 50m				So, 9. Mär
Mo, 10. Mär		—:—:~:~:~	–	Mond stört		14:03	05:45	05:03	37m	05:41	36m	06:17	33m	06:51	11h 34m	18:25	34m	18:59	36m	19:36	38m	20:14	12h 23m	8h 46m				Mo, 10. Mär
Di, 11. Mär		—:~:~:~:~	–	Mond stört		15:20	06:07	05:01	37m	05:39	36m	06:15	33m	06:49	11h 37m	18:27	34m	19:01	36m	19:37	38m	20:15	12h 20m	8h 42m				Di, 11. Mär
Mi, 12. Mär		—:~:~:~:~	–	Mond stört		16:34	06:24	04:58	38m	05:36	36m	06:13	33m	06:47	11h 41m	18:28	34m	19:02	36m	19:39	38m	20:17	12h 16m	8h 38m				Mi, 12. Mär
Do, 13. Mär		—:~:~:~:~	–	Mond stört		17:45	06:37	04:56	38m	05:34	36m	06:11	33m	06:45	11h 45m	18:30	34m	19:04	36m	19:41	38m	20:19	12h 12m	8h 34m				Do, 13. Mär
Fr, 14. Mär		—:~:~:~:~	–	Mond stört	☽	18:55	06:49	04:54	38m	05:32	36m	06:09	33m	06:43	11h 48m	18:31	34m	19:05	36m	19:42	38m	20:21	12h 08m	8h 30m				Fr, 14. Mär
Sa, 15. Mär		—:~:~:~:~	–	Mond stört		20:04	07:00	04:51	38m	05:30	36m	06:07	33m	06:40	11h 52m	18:33	34m	19:07	36m	19:44	38m	20:22	12h 05m	8h 26m				Sa, 15. Mär
So, 16. Mär		20:24–21:12	48m	AN <sub>+</sub> bis M <sub>7</sub>		21:12	07:12	04:49	38m	05:28	36m	06:04	33m	06:38	11h 56m	18:35	34m	19:09	36m	19:46	38m	20:24	12h 01m	8h 22m				So, 16. Mär
Mo, 17. Mär		20:26–22:23	1h 56m	AN <sub>+</sub> bis M <sub>7</sub>		22:23	07:24	04:47	38m	05:25	36m	06:02	33m	06:36	12h 00m	18:36	34m	19:10	36m	19:47	38m	20:26	11h 57m	8h 18m				Mo, 17. Mär
Di, 18. Mär		20:28–23:34	3h 06m	AN <sub>+</sub> bis M <sub>7</sub>		23:34	07:40	04:44	38m	05:23	36m	06:00	33m	06:34	12h 03m	18:38	34m	19:12	37m	19:49	39m	20:28	11h 54m	8h 14m				Di, 18. Mär
Mi, 19. Mär		20:30–00:45*	4h 15m	AN <sub>+</sub> bis M <sub>7</sub>		—:—	07:59	04:42	38m	05:21	36m	05:58	33m	06:32	12h 07m	18:39	34m	19:13	37m	19:51	39m	20:30	11h 50m	8h 09m				Mi, 19. Mär
Do, 20. Mär		20:32–01:54*	5h 22m	AN <sub>+</sub> bis M <sub>7</sub>		00:45	08:25	04:40	39m	05:19	37m	05:56	34m	06:30	12h 11m	18:41	34m	19:15	37m	19:52	39m	20:32	11h 46m	8h 05m				Do, 20. Mär
Fr, 21. Mär		20:33–02:56*	6h 22m	AN <sub>+</sub> bis M <sub>7</sub>		01:54	09:00	04:37	39m	05:16	37m	05:54	34m	06:28	12h 14m	18:42	34m	19:17	37m	19:54	39m	20:33	11h 42m	8h 01m				Fr, 21. Mär
Sa, 22. Mär		20:35–03:47*	7h 11m	AN <sub>+</sub> bis M <sub>7</sub>	☾	02:56	09:49	04:35	39m	05:14	37m	05:51	34m	06:25	12h 18m	18:44	34m	19:18	37m	19:56	39m	20:35	11h 39m	7h 57m				Sa, 22. Mär
So, 23. Mär		20:37–04:26*	7h 49m	AN <sub>+</sub> bis M <sub>7</sub>		03:47	10:52	04:32	39m	05:12	37m	05:49	34m	06:23	12h 22m	18:46	34m	19:20	37m	19:57	39m	20:37	11h 35m	7h 52m				So, 23. Mär
Mo, 24. Mär		20:39–04:27*	7h 48m	AN <sub>+</sub> bis AN <sub>-</sub>		04:26	12:07	04:30	39m	05:10	37m	05:47	34m	06:21	12h 26m	18:47	34m	19:21	37m	19:59	40m	20:39	11h 31m	7h 48m				Mo, 24. Mär
Di, 25. Mär		20:41–04:25*	7h 43m	AN <sub>+</sub> bis AN <sub>-</sub>		04:55	13:29	04:27	39m	05:07	37m	05:45	34m	06:19	12h 29m	18:49	34m	19:23	37m	20:01	40m	20:41	11h 28m	7h 43m				Di, 25. Mär
Mi, 26. Mär		20:43–04:22*	7h 39m	AN <sub>+</sub> bis AN <sub>-</sub>		05:17	14:55	04:25	40m	05:05	37m	05:43	34m	06:17	12h 33m	18:50	34m	19:25	37m	20:02	40m	20:43	11h 24m	7h 39m				Mi, 26. Mär
Do, 27. Mär		20:45–04:20*	7h 34m	AN <sub>+</sub> bis AN <sub>-</sub>		05:35	16:21	04:22	40m	05:03	37m	05:40	34m	06:15	12h 37m	18:52	34m	19:26	37m	20:04	40m	20:45	11h 20m	7h 34m				Do, 27. Mär
Fr, 28. Mär		20:47–04:17*	7h 30m	AN <sub>+</sub> bis AN <sub>-</sub>		05:51	17:48	04:20	40m	05:00	37m	05:38	34m	06:12	12h 40m	18:53	34m	19:28	38m	20:06	40m	20:47	11h 16m	7h 30m				Fr, 28. Mär
Sa, 29. Mär		20:49–04:15*	7h 25m	AN <sub>+</sub> bis AN <sub>-</sub>	☉	06:06	19:17	04:17	40m	04:58	37m	05:36	34m	06:10	12h 44m	18:55	34m	19:29	38m	20:08	41m	20:49	11h 13m	7h 25m				Sa, 29. Mär
So, 30. Mär	MESZ	21:51–05:12*	7h 21m	AN <sub>+</sub> bis AN <sub>-</sub>		07:22	21:48	05:15	41m	05:56	38m	06:34	34m	07:08	12h 48m	19:56	34m	20:31	38m	21:09	41m	21:51	11h 09m	7h 21m				So, 30. Mär
Mo, 31. Mär	MESZ	23:20–05:09*	5h 49m	M <sub>\</sub> bis AN <sub>-</sub>		07:41	23:20	05:12	41m	05:53	38m	06:31	34m	07:06	12h 52m	19:58	34m	20:33	38m	21:11	41m	21:53	11h 05m	7h 16m				Mo, 31. Mär
Di, 1. Apr	MESZ	00:52*–05:07*	4h 15m	M <sub>\</sub> bis AN <sub>-</sub>		08:04	—:—	05:09	41m	05:51	38m	06:29	34m	07:04	12h 55m	20:00	34m	20:34	38m	21:13	41m	21:55	11h 02m	7h 11m				Di, 1. Apr
Mi, 2. Apr	MESZ	02:15*–05:04*	2h 48m	M <sub>\</sub> bis AN <sub>-</sub>		08:37	00:52	05:07	41m	05:49	38m	06:27	34m	07:02	12h 59m	20:01	34m	20:36	38m	21:15	42m	21:57	10h 58m	7h 07m				Mi, 2. Apr
Do, 3. Apr	MESZ	03:23*–05:01*	1h 38m	M <sub>\</sub> bis AN <sub>-</sub>		09:22	02:15	05:04	4																			

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
2025	Zeit-	Astr. dunkel und kein Mond			Mond			Beginn der Morgendämmerung					Sonne				Ende der Abenddämmerung					Nacht	Astr. N.	Naut. dunkel und kein Mond			2025	
	zone		$\Delta t$		Ph.	$\nearrow$	$\searrow$	Astr.	$\Delta t$	Naut.	$\Delta t$	Bürg.	$\Delta t$	$\nearrow$	$\Delta t$	$\searrow$	$\Delta t$	Bürg.	$\Delta t$	Naut.	$\Delta t$	Astr.	$\Delta t$	$\Delta t$		$\Delta t$		
Fr, 11. Apr	MESZ	—:—:—:—	—	Mond stört		18:53	06:09	04:42	44m	05:27	40m	06:07	35m	06:43	13h 32m	20:15	35m	20:51	40m	21:31	45m	22:16	10h 25m	6h 23m				Fr, 11. Apr
Sa, 12. Apr	MESZ	—:—:—:—	—	Mond stört		20:01	06:20	04:40	45m	05:25	40m	06:05	35m	06:41	13h 35m	20:17	35m	20:52	40m	21:33	45m	22:18	10h 22m	6h 18m				Sa, 12. Apr
So, 13. Apr	MESZ	—:—:~:~:~	—	Mond stört	○	21:11	06:33	04:37	45m	05:22	40m	06:03	35m	06:39	13h 39m	20:18	35m	20:54	40m	21:35	45m	22:21	10h 18m	6h 13m				So, 13. Apr
Mo, 14. Apr	MESZ	—:~:~:~:~	—	Mond stört		22:22	06:47	04:34	45m	05:20	40m	06:01	35m	06:37	13h 43m	20:20	36m	20:56	41m	21:37	46m	22:23	10h 14m	6h 08m				Mo, 14. Apr
Di, 15. Apr	MESZ	22:25 – 23:34	1h 08m	AN <sub>+</sub> bis M <sub>7</sub>		23:34	07:05	04:31	46m	05:18	40m	05:59	36m	06:35	13h 46m	20:21	36m	20:57	41m	21:39	46m	22:25	10h 11m	6h 03m				Di, 15. Apr
Mi, 16. Apr	MESZ	22:28 – 00:43*	2h 15m	AN <sub>+</sub> bis M <sub>7</sub>		—:—	07:28	04:29	46m	05:15	41m	05:56	36m	06:33	13h 50m	20:23	36m	20:59	41m	21:41	47m	22:28	10h 07m	5h 57m				Mi, 16. Apr
Do, 17. Apr	MESZ	22:30 – 01:48*	3h 17m	AN <sub>+</sub> bis M <sub>7</sub>		00:43	08:00	04:26	47m	05:13	41m	05:54	36m	06:31	13h 53m	20:24	36m	21:01	41m	21:43	47m	22:30	10h 04m	5h 52m				Do, 17. Apr
Fr, 18. Apr	MESZ	22:33 – 02:42*	4h 09m	AN <sub>+</sub> bis M <sub>7</sub>		01:48	08:43	04:23	47m	05:10	41m	05:52	36m	06:29	13h 57m	20:26	36m	21:03	42m	21:45	48m	22:33	10h 00m	5h 47m				Fr, 18. Apr
Sa, 19. Apr	MESZ	22:35 – 03:24*	4h 48m	AN <sub>+</sub> bis M <sub>7</sub>		02:42	09:40	04:20	48m	05:08	41m	05:50	36m	06:27	14h 00m	20:27	36m	21:04	42m	21:46	48m	22:35	9h 57m	5h 42m				Sa, 19. Apr
So, 20. Apr	MESZ	22:38 – 03:56*	5h 18m	AN <sub>+</sub> bis M <sub>7</sub>		03:24	10:50	04:17	48m	05:06	42m	05:48	36m	06:25	14h 04m	20:29	36m	21:06	42m	21:48	49m	22:38	9h 53m	5h 36m				So, 20. Apr
Mo, 21. Apr	MESZ	22:40 – 04:11*	5h 31m	AN <sub>+</sub> bis AN <sub>-</sub>	◐	03:56	12:07	04:14	49m	05:03	42m	05:46	36m	06:23	14h 07m	20:30	37m	21:08	42m	21:50	49m	22:40	9h 50m	5h 31m				Mo, 21. Apr
Di, 22. Apr	MESZ	22:43 – 04:08*	5h 25m	AN <sub>+</sub> bis AN <sub>-</sub>		04:20	13:28	04:11	49m	05:01	42m	05:44	37m	06:21	14h 11m	20:32	37m	21:09	43m	21:52	50m	22:43	9h 46m	5h 25m				Di, 22. Apr
Mi, 23. Apr	MESZ	22:45 – 04:05*	5h 20m	AN <sub>+</sub> bis AN <sub>-</sub>		04:39	14:51	04:08	50m	04:59	43m	05:42	37m	06:19	14h 14m	20:34	37m	21:11	43m	21:54	50m	22:45	9h 43m	5h 20m				Mi, 23. Apr
Do, 24. Apr	MESZ	22:48 – 04:02*	5h 14m	AN <sub>+</sub> bis AN <sub>-</sub>		04:55	16:16	04:05	50m	04:56	43m	05:40	37m	06:17	14h 18m	20:35	37m	21:13	43m	21:56	51m	22:48	9h 39m	5h 14m				Do, 24. Apr
Fr, 25. Apr	MESZ	22:50 – 03:59*	5h 09m	AN <sub>+</sub> bis AN <sub>-</sub>		05:10	17:42	04:02	51m	04:54	43m	05:38	37m	06:15	14h 21m	20:37	37m	21:14	44m	21:58	52m	22:50	9h 36m	5h 09m				Fr, 25. Apr
Sa, 26. Apr	MESZ	22:53 – 03:57*	5h 03m	AN <sub>+</sub> bis AN <sub>-</sub>		05:25	19:10	03:59	51m	04:51	43m	05:35	37m	06:13	14h 24m	20:38	37m	21:16	44m	22:00	52m	22:53	9h 33m	5h 03m				Sa, 26. Apr
So, 27. Apr	MESZ	22:56 – 03:54*	4h 57m	AN <sub>+</sub> bis AN <sub>-</sub>	◑	05:42	20:43	03:57	52m	04:49	44m	05:33	37m	06:11	14h 28m	20:40	38m	21:18	44m	22:02	53m	22:56	9h 29m	4h 57m				So, 27. Apr
Mo, 28. Apr	MESZ	22:59 – 03:50*	4h 51m	AN <sub>+</sub> bis AN <sub>-</sub>		06:03	22:17	03:54	53m	04:47	44m	05:31	38m	06:10	14h 31m	20:41	38m	21:20	44m	22:05	54m	22:59	9h 26m	4h 51m				Mo, 28. Apr
Di, 29. Apr	MESZ	23:48 – 03:47*	3h 59m	M <sub>\</sub> bis AN <sub>-</sub>		06:32	23:48	03:50	54m	04:45	44m	05:29	38m	06:08	14h 34m	20:43	38m	21:21	45m	22:07	54m	23:01	9h 23m	4h 46m				Di, 29. Apr
Mi, 30. Apr	MESZ	01:06* – 03:44*	2h 38m	M <sub>\</sub> bis AN <sub>-</sub>		07:12	—:—	03:47	54m	04:42	45m	05:27	38m	06:06	14h 38m	20:44	38m	21:23	45m	22:09	55m	23:04	9h 19m	4h 40m				Mi, 30. Apr
Do, 1. Mai	MESZ	02:06* – 03:41*	1h 35m	M <sub>\</sub> bis AN <sub>-</sub>		08:08	01:06	03:44	55m	04:40	45m	05:26	38m	06:04	14h 41m	20:46	38m	21:25	46m	22:11	56m	23:07	9h 16m	4h 34m				Do, 1. Mai
Fr, 2. Mai	MESZ	02:48* – 03:38*	50m	M <sub>\</sub> bis AN <sub>-</sub>		09:18	02:06	03:41	56m	04:38	45m	05:24	38m	06:02	14h 44m	20:47	39m	21:26	46m	22:13	57m	23:10	9h 13m	4h 28m				Fr, 2. Mai
Sa, 3. Mai	MESZ	03:17* – 03:35*	18m	M <sub>\</sub> bis AN <sub>-</sub>		10:36	02:48	03:38	57m	04:35	46m	05:22	39m	06:01	14h 48m	20:49	39m	21:28	46m	22:15	57m	23:13	9h 10m	4h 22m				Sa, 3. Mai
So, 4. Mai	MESZ	—:~:~:~:~	—	Mond stört	◒	11:56	03:17	03:35	57m	04:33	46m	05:20	39m	05:59	14h 51m	20:50	39m	21:30	47m	22:17	58m	23:16	9h 07m	4h 16m				So, 4. Mai
Mo, 5. Mai	MESZ	—:~:~:~:~	—	Mond stört		13:13	03:37	03:32	58m	04:31	47m	05:18	39m	05:57	14h 54m	20:52	39m	21:31	47m	22:19	59m	23:19	9h 03m	4h 10m				Mo, 5. Mai
Di, 6. Mai	MESZ	—:~:~:~:~	—	Mond stört		14:26	03:53	03:29	59m	04:29	47m	05:16	39m	05:56	14h 57m	20:53	39m	21:33	47m	22:21	1h 00m	23:22	9h 00m	4h 03m				Di, 6. Mai
Mi, 7. Mai	MESZ	—:~:~:~:~	—	Mond stört		15:36	04:06	03:26	1h 00m	04:26	47m	05:14	39m	05:54	15h 00m	20:55	40m	21:35	48m	22:23	1h 01m	23:25	8h 57m	3h 57m				Mi, 7. Mai
Do, 8. Mai	MESZ	—:~:~:~:~	—	Mond stört		16:44	04:18	03:22	1h 01m	04:24	48m	05:12	40m	05:53	15h 03m	20:56	40m	21:37	48m	22:25	1h 02m	23:28	8h 54m	3h 51m				Do, 8. Mai
Fr, 9. Mai	MESZ	—:~:~:~:~	—	Mond stört		17:52	04:29	03:19	1h 02m	04:22	48m	05:11	40m	05:51	15h 06m	20:58	40m	21:38	49m	22:27	1h 03m	23:31	8h 51m	3h 44m				Fr, 9. Mai
Sa, 10. Mai	MESZ	—:~:~:~:~	—	Mond stört		19:01	04:41	03:16	1h 03m	04:20	49m	05:09	40m	05:49	15h 09m	20:59	40m	21:40	49m	22:29	1h 05m	23:34	8h 48m	3h 38m				Sa, 10. Mai
So, 11. Mai	MESZ	—:~:~:~:~	—	Mond stört		20:11	04:54	03:13	1h 05m	04:18	49m	05:07	40m	05:48	15h 12m	21:01	40m	21:42	49m	22:31	1h 06m	23:38	8h 45m	3h 31m				So, 11. Mai
Mo, 12. Mai	MESZ	—:~:~:~:~	—	Mond stört	○	21:23	05:11	03:09	1h 06m	04:16	49m	05:06	40m	05:47	15h 15m	21:02	41m	21:43	50m	22:34	1h 07m	23:41	8h 43m	3h 24m				Mo, 12. Mai
Di, 13. Mai	MESZ	—:~:~:~:~	—	Mond stört		22:33	05:33	03:06	1h 07m	04:14	50m	05:04	41m	05:45	15h 18m	21:03	41m	21:45	50m	22:36	1h 08m	23:44	8h 40m	3h 18m				Di, 13. Mai
Mi, 14. Mai	MESZ	—:~:~:~:~	—	Mond stört		23:40	06:02	03:03	1h 08m	04:11	50m	05:02	41m	05:44	15h 21m	21:05	41m	21:46	51m	22:38	1h 10m	23:48	8h 37m	3h 11m				Mi, 14. Mai
Do, 15. Mai	MESZ	23:51 – 00:37*	45m	AN <sub>+</sub> bis M <sub>7</sub>		—:—	06:42	02:59	1h 10m	04:09	51m	05:01	41m	05:42	15h 23m	21:06	41m	21:48	51m	22:40	1h 11m	23:51	8h 34m	3h 04m				Do, 15. Mai
Fr, 16. Mai	MESZ	23:55 – 01:23*	1h 27m	AN <sub>+</sub> bis M <sub>7</sub>		00:37	07:35	02:56	1h 11m	04:07	51m	04:59	41m	05:41	15h 26m	21:08	42m	21:50	52m	22:42	1h 13m	23:55	8h 32m	2h 57m				Fr, 16. Mai
Sa, 17. Mai	MESZ	23:59 – 01:57*	1h 58m	AN <sub>+</sub> bis M <sub>7</sub>		01:23	08:40	02:52	1h 13m	04:05	52m	04:58	42m	05:40	15h 29m	21:09	42m	21:51	52m	22:44	1h 14m	23:59	8h 29m	2h 49m				Sa, 17. Mai
So, 18. Mai	MESZ	00:02* – 02:23*	2h 20m	AN <sub>+</sub> bis M <sub>7</sub>		01:57	09:54	02:49	1h 14m	04:03	52m	04:56	42m	05:38	15h 31m	21:10	42m	21:53	53m	22:46	1h 16m	00:02*	8h 26m	2h 42m				So, 18. Mai
Mo, 19. Mai	MESZ	00:06* – 02:41*	2h 34m	AN <sub>+</sub> bis AN <sub>-</sub>		02:23	11:13	02:45	1h 16m	04:02	53m	04:55	42m	05:37	15h 34m	21:12	42m	21:54	53m	22:48	1h 18m	00:06*	8h 24m	2h 34m				Mo, 19. Mai
Di, 20. Mai	MESZ	00:10* – 02:37*	2h 27m	AN <sub>+</sub> bis AN <sub>-</sub>	◑	02:43	12:33	02:41	1h 18m	04:00	53m	04:53	42m	05:36	15h 37m	21:13	42m	21:56	53m	22:50	1h 20m	00:10*	8h 21m	2h 27m				Di, 20. Mai
Mi, 21. Mai	MESZ	00:14* – 02:34*	2h 19m	AN <sub>+</sub> bis AN <sub>-</sub>		03:00	13:54	02:37	1h 20m	03:58	53m	04:52	42m	05:35	15h 39m	21:14	43m	21:57	54m	22:52	1h 22m	00:14*	8h 19m	2h 19m				Mi, 21. Mai
Do, 22. Mai	MESZ	00:18* – 02:30*	2h 11m	AN <sub>+</sub> bis AN <sub>-</sub>		03:14	15:16	02:34	1h 22m	03:56	54m	04:50	43m	05:34	15h 41m	21:15	43m	21:59	54m	22:54	1h 24m	00:18*	8h 16m	2h 11m				Do, 22. Mai
Fr, 23. Mai	MESZ																											

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
2025	Zeit-	Astr. dunkel und kein Mond			Mond			Beginn der Morgendämmerung					Sonne			Ende der Abenddämmerung					Nacht	Astr. N.	Naut. dunkel und kein Mond			2025			
	zone		$\Delta t$		Ph.	$\nearrow$	$\searrow$	Astr.	$\Delta t$	Naut.	$\Delta t$	Bürg.	$\Delta t$	$\nearrow$	$\Delta t$	$\searrow$	$\Delta t$	Bürg.	$\Delta t$	Naut.	$\Delta t$	Astr.	$\Delta t$	$\Delta t$		$\Delta t$			
Sa, 31. Mai	MESZ	—:—:—:—:—	—	Mond stört		09:36	01:16	01:46	1h 55m	03:42	58m	04:40	44m	05:25	16h 00m	21:26	45m	22:11	59m	23:10	2h 08m	01:18*	7h 58m	13m					Sa, 31. Mai
So, 1. Jun	MESZ			Astr. MD		10:56	01:40	01:32	2h 08m	03:40	58m	04:39	45m	05:24	16h 02m	21:27	45m	22:12	59m	23:12		—:—	7h 56m		01:58*–03:39*	1h 40m	M <sub>\</sub> bis ND <sub>\</sub>		So, 1. Jun
Mo, 2. Jun	MESZ			Astr. MD		12:12	01:58	—:—		03:39	59m	04:38	45m	05:24	16h 04m	21:28	45m	22:13	59m	23:13		—:—	7h 55m		02:12*–03:38*	1h 25m	M <sub>\</sub> bis ND <sub>\</sub>		Mo, 2. Jun
Di, 3. Jun	MESZ			Astr. MD	☾	13:24	02:12	—:—		03:38	59m	04:38	45m	05:23	16h 05m	21:29	45m	22:14	1h 00m	23:15		—:—	7h 53m		02:25*–03:37*	1h 11m	M <sub>\</sub> bis ND <sub>\</sub>		Di, 3. Jun
Mi, 4. Jun	MESZ			Astr. MD		14:33	02:25	—:—		03:37	1h 00m	04:37	45m	05:22	16h 07m	21:30	45m	22:16	1h 00m	23:16		—:—	7h 52m		02:36*–03:35*	59m	M <sub>\</sub> bis ND <sub>\</sub>		Mi, 4. Jun
Do, 5. Jun	MESZ			Astr. MD		15:41	02:36	—:—		03:35	1h 00m	04:36	45m	05:22	16h 08m	21:31	45m	22:17	1h 01m	23:18		—:—	7h 50m		02:48*–03:34*	46m	M <sub>\</sub> bis ND <sub>\</sub>		Do, 5. Jun
Fr, 6. Jun	MESZ			Astr. MD		16:50	02:48	—:—		03:34	1h 01m	04:35	45m	05:21	16h 09m	21:31	46m	22:18	1h 01m	23:19		—:—	7h 49m		03:01*–03:33*	32m	M <sub>\</sub> bis ND <sub>\</sub>		Fr, 6. Jun
Sa, 7. Jun	MESZ			Astr. MD		18:00	03:01	—:—		03:33	1h 01m	04:35	46m	05:21	16h 11m	21:32	46m	22:18	1h 01m	23:20		—:—	7h 48m		03:17*–03:33*	15m	M <sub>\</sub> bis ND <sub>\</sub>		Sa, 7. Jun
So, 8. Jun	MESZ			Astr. MD		19:11	03:17	—:—		03:33	1h 01m	04:34	46m	05:21	16h 12m	21:33	46m	22:19	1h 02m	23:21		—:—	7h 47m		—:—:—:—:—	—	Mond stört		So, 8. Jun
Mo, 9. Jun	MESZ			Astr. MD		20:22	03:37	—:—		03:32	1h 02m	04:34	46m	05:20	16h 13m	21:34	46m	22:20	1h 02m	23:23		—:—	7h 46m		—:—:—:—:—	—	Mond stört		Mo, 9. Jun
Di, 10. Jun	MESZ			Astr. MD		21:31	04:04	—:—		03:31	1h 02m	04:33	46m	05:20	16h 14m	21:34	46m	22:21	1h 02m	23:24		—:—	7h 45m		—:—:—:—:—	—	Mond stört		Di, 10. Jun
Mi, 11. Jun	MESZ			Astr. MD	☽	22:32	04:40	—:—		03:30	1h 02m	04:33	46m	05:20	16h 15m	21:35	46m	22:22	1h 02m	23:25		—:—	7h 44m		—:—:~:~:~:~:~	—	Mond stört		Mi, 11. Jun
Do, 12. Jun	MESZ			Astr. MD		23:21	05:30	—:—		03:30	1h 02m	04:33	46m	05:19	16h 16m	21:36	46m	22:22	1h 03m	23:26		—:—	7h 43m		—:~:~:~:~:~	—	Mond stört		Do, 12. Jun
Fr, 13. Jun	MESZ			Astr. MD		23:59	06:32	—:—		03:29	1h 03m	04:32	46m	05:19	16h 16m	21:36	46m	22:23	1h 03m	23:26		—:—	7h 42m		23:26–23:59	32m	ND <sub>+</sub> bis M <sub>7</sub>		Fr, 13. Jun
Sa, 14. Jun	MESZ			Astr. MD		—:—	07:45	—:—		03:29	1h 03m	04:32	46m	05:19	16h 17m	21:37	46m	22:24	1h 03m	23:27		—:—	7h 42m		23:27–00:27*	1h 00m	ND <sub>+</sub> bis M <sub>7</sub>		Sa, 14. Jun
So, 15. Jun	MESZ			Astr. MD		00:27	09:03	—:—		03:28	1h 03m	04:32	46m	05:19	16h 18m	21:37	47m	22:24	1h 03m	23:28		—:—	7h 41m		23:28–00:49*	1h 20m	ND <sub>+</sub> bis M <sub>7</sub>		So, 15. Jun
Mo, 16. Jun	MESZ			Astr. MD		00:49	10:22	—:—		03:28	1h 03m	04:32	47m	05:19	16h 18m	21:38	47m	22:25	1h 03m	23:29		—:—	7h 41m		23:29–01:06*	1h 37m	ND <sub>+</sub> bis M <sub>7</sub>		Mo, 16. Jun
Di, 17. Jun	MESZ			Astr. MD		01:06	11:41	—:—		03:28	1h 03m	04:32	47m	05:19	16h 19m	21:38	47m	22:25	1h 03m	23:29		—:—	7h 40m		23:29–01:21*	1h 51m	ND <sub>+</sub> bis M <sub>7</sub>		Di, 17. Jun
Mi, 18. Jun	MESZ			Astr. MD	☾	01:21	13:01	—:—		03:28	1h 03m	04:32	47m	05:19	16h 19m	21:38	47m	22:26	1h 04m	23:30		—:—	7h 40m		23:30–01:34*	2h 04m	ND <sub>+</sub> bis M <sub>7</sub>		Mi, 18. Jun
Do, 19. Jun	MESZ			Astr. MD		01:34	14:21	—:—		03:28	1h 04m	04:32	47m	05:19	16h 19m	21:39	47m	22:26	1h 04m	23:30		—:—	7h 40m		23:30–01:49*	2h 19m	ND <sub>+</sub> bis M <sub>7</sub>		Do, 19. Jun
Fr, 20. Jun	MESZ			Astr. MD		01:49	15:45	—:—		03:28	1h 04m	04:32	47m	05:19	16h 19m	21:39	47m	22:26	1h 04m	23:30		—:—	7h 40m		23:30–02:06*	2h 35m	ND <sub>+</sub> bis M <sub>7</sub>		Fr, 20. Jun
Sa, 21. Jun	MESZ			Astr. MD		02:06	17:12	—:—		03:28	1h 04m	04:32	47m	05:19	16h 19m	21:39	47m	22:26	1h 04m	23:30		—:—	7h 40m		23:30–02:27*	2h 56m	ND <sub>+</sub> bis M <sub>7</sub>		Sa, 21. Jun
So, 22. Jun	MESZ			Astr. MD		02:27	18:42	—:—		03:28	1h 04m	04:33	47m	05:20	16h 19m	21:39	47m	22:26	1h 04m	23:30		—:—	7h 40m		23:30–02:55*	3h 24m	ND <sub>+</sub> bis M <sub>7</sub>		So, 22. Jun
Mo, 23. Jun	MESZ			Astr. MD		02:55	20:11	—:—		03:29	1h 04m	04:33	47m	05:20	16h 19m	21:39	47m	22:27	1h 03m	23:30		—:—	7h 40m		23:30–03:29*	3h 58m	ND <sub>+</sub> bis ND <sub>\</sub>		Mo, 23. Jun
Di, 24. Jun	MESZ			Astr. MD		03:36	21:29	—:—		03:29	1h 03m	04:33	47m	05:20	16h 19m	21:39	47m	22:27	1h 03m	23:30		—:—	7h 41m		23:30–03:30*	3h 59m	ND <sub>+</sub> bis ND <sub>\</sub>		Di, 24. Jun
Mi, 25. Jun	MESZ			Astr. MD	☀	04:33	22:29	—:—		03:30	1h 03m	04:34	47m	05:21	16h 18m	21:40	47m	22:27	1h 03m	23:30		—:—	7h 41m		23:30–03:30*	4h 00m	ND <sub>+</sub> bis ND <sub>\</sub>		Mi, 25. Jun
Do, 26. Jun	MESZ			Astr. MD		05:46	23:11	—:—		03:30	1h 03m	04:34	47m	05:21	16h 18m	21:39	46m	22:26	1h 03m	23:30		—:—	7h 42m		23:30–03:31*	4h 00m	ND <sub>+</sub> bis ND <sub>\</sub>		Do, 26. Jun
Fr, 27. Jun	MESZ			Astr. MD		07:09	23:40	—:—		03:31	1h 03m	04:35	46m	05:22	16h 17m	21:39	46m	22:26	1h 03m	23:30		—:—	7h 42m		23:40–03:32*	3h 51m	M <sub>\</sub> bis ND <sub>\</sub>		Fr, 27. Jun
Sa, 28. Jun	MESZ			Astr. MD		08:32	—:—	—:—		03:32	1h 03m	04:35	46m	05:22	16h 17m	21:39	46m	22:26	1h 03m	23:29		—:—	7h 43m		00:01*–03:33*	3h 31m	M <sub>\</sub> bis ND <sub>\</sub>		Sa, 28. Jun
So, 29. Jun	MESZ			Astr. MD		09:52	00:01	—:—		03:33	1h 03m	04:36	46m	05:23	16h 16m	21:39	46m	22:26	1h 02m	23:29		—:—	7h 44m		00:17*–03:34*	3h 16m	M <sub>\</sub> bis ND <sub>\</sub>		So, 29. Jun
Mo, 30. Jun	MESZ			Astr. MD		11:07	00:17	—:—		03:34	1h 02m	04:36	46m	05:23	16h 15m	21:39	46m	22:26	1h 02m	23:28		—:—	7h 44m		00:31*–03:35*	3h 03m	M <sub>\</sub> bis ND <sub>\</sub>		Mo, 30. Jun
Di, 1. Jul	MESZ			Astr. MD		12:19	00:31	—:—		03:35	1h 02m	04:37	46m	05:24	16h 14m	21:39	46m	22:25	1h 02m	23:28		—:—	7h 45m		00:42*–03:36*	2h 53m	M <sub>\</sub> bis ND <sub>\</sub>		Di, 1. Jul
Mi, 2. Jul	MESZ			Astr. MD	☾	13:28	00:42	—:—		03:36	1h 02m	04:38	46m	05:25	16h 13m	21:38	46m	22:25	1h 02m	23:27		—:—	7h 46m		00:54*–03:37*	2h 42m	M <sub>\</sub> bis ND <sub>\</sub>		Mi, 2. Jul
Do, 3. Jul	MESZ			Astr. MD		14:37	00:54	—:—		03:37	1h 02m	04:39	46m	05:25	16h 12m	21:38	46m	22:24	1h 01m	23:26		—:—	7h 48m		01:07*–03:38*	2h 30m	M <sub>\</sub> bis ND <sub>\</sub>		Do, 3. Jul
Fr, 4. Jul	MESZ			Astr. MD		15:47	01:07	—:—		03:38	1h 01m	04:40	46m	05:26	16h 11m	21:38	46m	22:24	1h 01m	23:25		—:—	7h 49m		01:22*–03:39*	2h 17m	M <sub>\</sub> bis ND <sub>\</sub>		Fr, 4. Jul
Sa, 5. Jul	MESZ			Astr. MD		16:57	01:22	—:—		03:39	1h 01m	04:41	46m	05:27	16h 10m	21:37	46m	22:23	1h 01m	23:24		—:—	7h 50m		01:40*–03:40*	2h 00m	M <sub>\</sub> bis ND <sub>\</sub>		Sa, 5. Jul
So, 6. Jul	MESZ			Astr. MD		18:09	01:40	—:—		03:40	1h 01m	04:42	46m	05:28	16h 08m	21:37	45m	22:22	1h 00m	23:23		—:—	7h 51m		02:04*–03:42*	1h 37m	M <sub>\</sub> bis ND <sub>\</sub>		So, 6. Jul
Mo, 7. Jul	MESZ			Astr. MD		19:19	02:04	—:—		03:42	1h 00m	04:43	45m	05:28	16h 07m	21:36	45m	22:22	1h 00m	23:22		—:—	7h 53m		02:37*–03:43*	1h 06m	M <sub>\</sub> bis ND <sub>\</sub>		Mo, 7. Jul
Di, 8. Jul	MESZ			Astr. MD		20:23	02:37	—:—		03:43	1h 00m	04:44	45m	05:29	16h 06m	21:35	45m	22:21	59m	23:21		—:—	7h 54m		03:22*–03:45*	22m	M <sub>\</sub> bis ND <sub>\</sub>		Di, 8. Jul
Mi, 9. Jul	MESZ			Astr. MD		21:17	03:22	—:—		03:45	59m	04:45	45m	05:30	16h 04m	21:35	45m	22:20	59m	23:20		—:—	7h 56m		—:~:~:~:~:~	—	Mond stört		Mi, 9. Jul
Do, 10. Jul	MESZ			Astr. MD	☽	21:59	04:21	—:—		03:46	59m	04:46	45m	05:31	16h 02m	21:34	45m	22:19	59m	23:18		—:—	7h 58m		—:~:~:~:~:~	—	Mond stört		Do, 10. Jul
Fr, 11. Jul	MESZ	—:~:~:~:~:~	—	Mond stört		22:30	05:32	—:—		03:48	59m	04:47	45m	05:32	16h 01m	21:33	45m	22:18	58m	23:17	1h 58m	01:15*	7h 59m	35m					Fr, 11. Jul
Sa, 12. Jul	MESZ	—:~:~:~:~:~	—	Mond stört		22:54	06:50	01:51	1h 58m	03:49	58m	04:48	45m	05:33	15h 59m	21:33	44m	22:17	58m	23:16	1h 50m	01:06*	8h 01m	54m					Sa, 12. Jul



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
2025	Zeit-	Astr. dunkel und kein Mond			Mond			Beginn der Morgendämmerung					Sonne			Ende der Abenddämmerung					Nacht	Astr. N.	Naut. dunkel und kein Mond			2025			
	zone		$\Delta t$		Ph.	$\nearrow$	$\searrow$	Astr.	$\Delta t$	Naut.	$\Delta t$	Bürg.	$\Delta t$	$\nearrow$	$\Delta t$	$\searrow$	$\Delta t$	Bürg.	$\Delta t$	Naut.	$\Delta t$	Astr.	$\Delta t$	$\Delta t$		$\Delta t$			
So, 20. Jul	MESZ	00:26*–01:29*	1h 02m	AN <sub>+</sub> bis M <sub>7</sub>		00:54	17:50	02:38	1h 25m	04:04	55m	04:59	43m	05:42	15h 42m	21:25	43m	22:08	54m	23:03	1h 23m	00:26*	8h 18m	2h 16m					So, 20. Jul
Mo, 21. Jul	MESZ	00:22*–02:18*	1h 55m	AN <sub>+</sub> bis M <sub>7</sub>		01:29	19:11	02:42	1h 23m	04:05	54m	05:00	43m	05:43	15h 40m	21:24	43m	22:07	54m	23:01	1h 21m	00:22*	8h 20m	2h 24m					Mo, 21. Jul
Di, 22. Jul	MESZ	00:18*–02:50*	2h 31m	AN <sub>+</sub> bis AN <sub>-</sub>		02:18	20:17	02:46	1h 21m	04:07	54m	05:02	43m	05:45	15h 37m	21:23	42m	22:05	53m	22:59	1h 19m	00:18*	8h 23m	2h 31m					Di, 22. Jul
Mi, 23. Jul	MESZ	00:14*–02:54*	2h 39m	AN <sub>+</sub> bis AN <sub>-</sub>		03:23	21:06	02:50	1h 19m	04:09	53m	05:03	42m	05:46	15h 35m	21:21	42m	22:04	53m	22:57	1h 17m	00:14*	8h 25m	2h 39m					Mi, 23. Jul
Do, 24. Jul	MESZ	00:11*–02:58*	2h 46m	AN <sub>+</sub> bis AN <sub>-</sub>	●	04:42	21:40	02:54	1h 17m	04:11	53m	05:05	42m	05:47	15h 32m	21:20	42m	22:02	52m	22:55	1h 15m	00:11*	8h 28m	2h 46m					Do, 24. Jul
Fr, 25. Jul	MESZ	00:07*–03:01*	2h 54m	AN <sub>+</sub> bis AN <sub>-</sub>		06:06	22:04	02:58	1h 15m	04:13	52m	05:06	42m	05:48	15h 30m	21:19	42m	22:01	52m	22:53	1h 13m	00:07*	8h 30m	2h 54m					Fr, 25. Jul
Sa, 26. Jul	MESZ	00:04*–03:05*	3h 01m	AN <sub>+</sub> bis AN <sub>-</sub>		07:28	22:22	03:01	1h 13m	04:15	52m	05:08	42m	05:50	15h 27m	21:17	41m	21:59	51m	22:51	1h 12m	00:04*	8h 33m	3h 01m					Sa, 26. Jul
So, 27. Jul	MESZ	00:00*–03:08*	3h 08m	AN <sub>+</sub> bis AN <sub>-</sub>		08:46	22:36	03:05	1h 12m	04:17	51m	05:09	41m	05:51	15h 25m	21:16	41m	21:58	51m	22:49	1h 10m	00:00*	8h 36m	3h 08m					So, 27. Jul
Mo, 28. Jul	MESZ	23:57–03:12*	3h 15m	AN <sub>+</sub> bis AN <sub>-</sub>		10:00	22:48	03:08	1h 10m	04:19	51m	05:11	41m	05:52	15h 22m	21:15	41m	21:56	50m	22:47	1h 09m	23:57	8h 39m	3h 15m					Mo, 28. Jul
Di, 29. Jul	MESZ	23:53–03:15*	3h 21m	AN <sub>+</sub> bis AN <sub>-</sub>		11:12	23:00	03:12	1h 09m	04:21	50m	05:12	41m	05:54	15h 19m	21:13	41m	21:55	50m	22:45	1h 08m	23:53	8h 41m	3h 21m					Di, 29. Jul
Mi, 30. Jul	MESZ	23:50–03:18*	3h 28m	AN <sub>+</sub> bis AN <sub>-</sub>		12:22	23:12	03:15	1h 08m	04:23	50m	05:14	41m	05:55	15h 16m	21:12	41m	21:53	50m	22:43	1h 06m	23:50	8h 44m	3h 28m					Mi, 30. Jul
Do, 31. Jul	MESZ	23:47–03:22*	3h 35m	AN <sub>+</sub> bis AN <sub>-</sub>		13:31	23:26	03:18	1h 06m	04:25	50m	05:15	41m	05:56	15h 13m	21:10	40m	21:51	49m	22:41	1h 05m	23:47	8h 47m	3h 35m					Do, 31. Jul
Fr, 1. Aug	MESZ	23:43–03:25*	3h 41m	AN <sub>+</sub> bis AN <sub>-</sub>	☾	14:42	23:43	03:22	1h 05m	04:27	49m	05:17	40m	05:58	15h 11m	21:09	40m	21:49	49m	22:39	1h 04m	23:43	8h 50m	3h 41m					Fr, 1. Aug
Sa, 2. Aug	MESZ	00:04*–03:28*	3h 23m	M <sub>7</sub> bis AN <sub>-</sub>		15:53	—:—	03:25	1h 04m	04:29	49m	05:19	40m	05:59	15h 08m	21:07	40m	21:48	48m	22:37	1h 03m	23:40	8h 53m	3h 48m					Sa, 2. Aug
So, 3. Aug	MESZ	00:33*–03:31*	2h 57m	M <sub>7</sub> bis AN <sub>-</sub>		17:04	00:04	03:28	1h 03m	04:31	48m	05:20	40m	06:01	15h 05m	21:06	40m	21:46	48m	22:34	1h 02m	23:37	8h 56m	3h 54m					So, 3. Aug
Mo, 4. Aug	MESZ	01:13*–03:34*	2h 21m	M <sub>7</sub> bis AN <sub>-</sub>		18:11	00:33	03:31	1h 02m	04:33	48m	05:22	40m	06:02	15h 02m	21:04	39m	21:44	48m	22:32	1h 01m	23:33	8h 59m	4h 00m					Mo, 4. Aug
Di, 5. Aug	MESZ	02:06*–03:37*	1h 30m	M <sub>7</sub> bis AN <sub>-</sub>		19:09	01:13	03:34	1h 01m	04:35	48m	05:23	40m	06:03	14h 59m	21:03	39m	21:42	47m	22:30	1h 00m	23:30	9h 02m	4h 06m					Di, 5. Aug
Mi, 6. Aug	MESZ	03:13*–03:40*	27m	M <sub>7</sub> bis AN <sub>-</sub>		19:56	02:06	03:37	1h 00m	04:37	47m	05:25	39m	06:05	14h 55m	21:01	39m	21:40	47m	22:28	59m	23:27	9h 05m	4h 12m					Mi, 6. Aug
Do, 7. Aug	MESZ	—:—:—:—	–	Mond stört		20:31	03:13	03:40	59m	04:39	47m	05:27	39m	06:06	14h 52m	20:59	39m	21:39	46m	22:25	58m	23:24	9h 08m	4h 19m					Do, 7. Aug
Fr, 8. Aug	MESZ	—:—:—:—	–	Mond stört		20:58	04:30	03:43	58m	04:41	46m	05:28	39m	06:08	14h 49m	20:57	39m	21:37	46m	22:23	57m	23:21	9h 11m	4h 25m					Fr, 8. Aug
Sa, 9. Aug	MESZ	—:—:—:—	–	Mond stört	○	21:18	05:51	03:46	57m	04:43	46m	05:30	39m	06:09	14h 46m	20:56	38m	21:35	46m	22:21	56m	23:18	9h 14m	4h 30m					Sa, 9. Aug
So, 10. Aug	MESZ	—:—:~:~:~	–	Mond stört		21:34	07:13	03:49	56m	04:45	46m	05:32	39m	06:11	14h 43m	20:54	38m	21:33	45m	22:19	55m	23:15	9h 18m	4h 36m					So, 10. Aug
Mo, 11. Aug	MESZ	—:~:~:~:~	–	Mond stört		21:49	08:35	03:51	55m	04:47	45m	05:33	38m	06:12	14h 40m	20:52	38m	21:31	45m	22:16	55m	23:12	9h 21m	4h 42m					Mo, 11. Aug
Di, 12. Aug	MESZ	—:~:~:~:~	–	Mond stört		22:03	09:57	03:54	55m	04:49	45m	05:35	38m	06:14	14h 36m	20:50	38m	21:29	45m	22:14	54m	23:08	9h 24m	4h 48m					Di, 12. Aug
Mi, 13. Aug	MESZ	—:~:~:~:~	–	Mond stört		22:18	11:19	03:57	54m	04:51	45m	05:37	38m	06:15	14h 33m	20:49	38m	21:27	44m	22:12	53m	23:05	9h 27m	4h 54m					Mi, 13. Aug
Do, 14. Aug	MESZ	—:~:~:~:~	–	Mond stört		22:35	12:44	04:00	53m	04:53	44m	05:38	38m	06:16	14h 30m	20:47	38m	21:25	44m	22:09	53m	23:02	9h 31m	4h 59m					Do, 14. Aug
Fr, 15. Aug	MESZ	—:~:~:~:~	–	Mond stört		22:58	14:10	04:02	53m	04:55	44m	05:40	38m	06:18	14h 27m	20:45	37m	21:23	44m	22:07	52m	22:59	9h 34m	5h 05m					Fr, 15. Aug
Sa, 16. Aug	MESZ	22:56–23:28	31m	AN <sub>+</sub> bis M <sub>7</sub>	☾	23:28	15:37	04:05	52m	04:57	44m	05:41	37m	06:19	14h 23m	20:43	37m	21:21	43m	22:05	51m	22:56	9h 37m	5h 11m					Sa, 16. Aug
So, 17. Aug	MESZ	22:53–00:11*	1h 17m	AN <sub>+</sub> bis M <sub>7</sub>		—:—	17:00	04:07	51m	04:59	43m	05:43	37m	06:21	14h 20m	20:41	37m	21:19	43m	22:02	51m	22:53	9h 41m	5h 16m					So, 17. Aug
Mo, 18. Aug	MESZ	22:50–01:10*	2h 19m	AN <sub>+</sub> bis M <sub>7</sub>		00:11	18:10	04:10	51m	05:01	43m	05:45	37m	06:22	14h 16m	20:39	37m	21:17	43m	22:00	50m	22:50	9h 44m	5h 22m					Mo, 18. Aug
Di, 19. Aug	MESZ	22:48–02:23*	3h 35m	AN <sub>+</sub> bis M <sub>7</sub>		01:10	19:03	04:12	50m	05:03	43m	05:46	37m	06:24	14h 13m	20:37	37m	21:15	42m	21:58	49m	22:48	9h 47m	5h 27m					Di, 19. Aug
Mi, 20. Aug	MESZ	22:45–03:44*	4h 59m	AN <sub>+</sub> bis M <sub>7</sub>		02:23	19:41	04:15	50m	05:05	43m	05:48	37m	06:25	14h 10m	20:35	37m	21:12	42m	21:55	49m	22:45	9h 51m	5h 32m					Mi, 20. Aug
Do, 21. Aug	MESZ	22:42–04:20*	5h 38m	AN <sub>+</sub> bis AN <sub>-</sub>		03:44	20:07	04:17	49m	05:07	42m	05:50	37m	06:27	14h 06m	20:33	36m	21:10	42m	21:53	48m	22:42	9h 54m	5h 38m					Do, 21. Aug
Fr, 22. Aug	MESZ	22:39–04:22*	5h 43m	AN <sub>+</sub> bis AN <sub>-</sub>		05:06	20:27	04:20	48m	05:09	42m	05:51	36m	06:28	14h 03m	20:31	36m	21:08	42m	21:50	48m	22:39	9h 58m	5h 43m					Fr, 22. Aug
Sa, 23. Aug	MESZ	22:36–04:25*	5h 48m	AN <sub>+</sub> bis AN <sub>-</sub>	●	06:25	20:42	04:22	48m	05:11	42m	05:53	36m	06:30	13h 59m	20:29	36m	21:06	41m	21:48	47m	22:36	10h 01m	5h 48m					Sa, 23. Aug
So, 24. Aug	MESZ	22:33–04:27*	5h 53m	AN <sub>+</sub> bis AN <sub>-</sub>		07:41	20:55	04:25	47m	05:13	41m	05:54	36m	06:31	13h 56m	20:27	36m	21:04	41m	21:46	47m	22:33	10h 05m	5h 53m					So, 24. Aug
Mo, 25. Aug	MESZ	22:30–04:29*	5h 59m	AN <sub>+</sub> bis AN <sub>-</sub>		08:54	21:07	04:27	47m	05:14	41m	05:56	36m	06:33	13h 52m	20:25	36m	21:02	41m	21:43	46m	22:30	10h 08m	5h 59m					Mo, 25. Aug
Di, 26. Aug	MESZ	22:27–04:32*	6h 04m	AN <sub>+</sub> bis AN <sub>-</sub>		10:05	21:19	04:29	47m	05:16	41m	05:58	36m	06:34	13h 49m	20:23	36m	21:00	41m	21:41	46m	22:27	10h 12m	6h 04m					Di, 26. Aug
Mi, 27. Aug	MESZ	22:24–04:34*	6h 09m	AN <sub>+</sub> bis AN <sub>-</sub>		11:15	21:32	04:32	46m	05:18	41m	05:59	36m	06:36	13h 45m	20:21	36m	20:57	40m	21:38	46m	22:24	10h 15m	6h 09m					Mi, 27. Aug
Do, 28. Aug	MESZ	22:22–04:36*	6h 14m	AN <sub>+</sub> bis AN <sub>-</sub>		12:26	21:47	04:34	46m	05:20	40m	06:01	36m	06:37	13h 42m	20:19	35m	20:55	40m	21:36	45m	22:22	10h 19m	6h 14m					Do, 28. Aug
Fr, 29. Aug	MESZ	22:19–04:38*	6h 19m	AN <sub>+</sub> bis AN <sub>-</sub>		13:37	22:06	04:36	45m	05:22	40m	06:03	35m	06:38	13h 38m	20:17	35m	20:53	40m	21:34	45m	22:19	10h 22m	6h 19m					Fr, 29. Aug
Sa, 30. Aug	MESZ	22:32–04:40*	6h																										

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
2025	Zeit- zone	Astr. dunkel und kein Mond			Mond			Beginn der Morgendämmerung					Sonne			Ende der Abenddämmerung					Nacht	Astr. N.	Naut. dunkel und kein Mond			2025			
			$\Delta t$		Ph.	$\nearrow$	$\searrow$	Astr.	$\Delta t$	Naut.	$\Delta t$	Bürg.	$\Delta t$	$\nearrow$	$\Delta t$	$\searrow$	$\Delta t$	Bürg.	$\Delta t$	Naut.	$\Delta t$	Astr.	$\Delta t$	$\Delta t$		$\Delta t$			
Mo, 8. Sep	MESZ	—:—:—:—	—	Mond stört		20:09	07:34	04:57	42m	05:39	38m	06:18	34m	06:53	13h 02m	19:56	34m	20:31	38m	21:09	42m	21:52	10h 58m	7h 07m					Mo, 8. Sep
Di, 9. Sep	MESZ	—:—:—:—	—	Mond stört		20:24	08:59	04:59	42m	05:41	38m	06:20	34m	06:55	12h 59m	19:54	34m	20:29	38m	21:07	41m	21:49	11h 02m	7h 12m					Di, 9. Sep
Mi, 10. Sep	MESZ	—:—:—:—	—	Mond stört		20:41	10:25	05:01	41m	05:43	38m	06:21	34m	06:56	12h 55m	19:52	34m	20:26	38m	21:05	41m	21:46	11h 05m	7h 16m					Mi, 10. Sep
Do, 11. Sep	MESZ	—:—:~:~:~	—	Mond stört		21:02	11:54	05:03	41m	05:44	38m	06:23	34m	06:58	12h 52m	19:50	34m	20:24	38m	21:02	41m	21:44	11h 09m	7h 21m					Do, 11. Sep
Fr, 12. Sep	MESZ	—:~:~:~:~	—	Mond stört		21:30	13:23	05:05	41m	05:46	38m	06:24	34m	06:59	12h 48m	19:47	34m	20:22	38m	21:00	41m	21:41	11h 13m	7h 25m					Fr, 12. Sep
Sa, 13. Sep	MESZ	21:38 – 22:09	30m	AN <sub>+</sub> bis M <sub>7</sub>		22:09	14:49	05:07	41m	05:48	38m	06:26	34m	07:00	12h 44m	19:45	34m	20:20	37m	20:58	40m	21:38	11h 16m	7h 30m					Sa, 13. Sep
So, 14. Sep	MESZ	21:36 – 23:03	1h 26m	AN <sub>+</sub> bis M <sub>7</sub>	☾	23:03	16:03	05:09	40m	05:49	38m	06:27	34m	07:02	12h 41m	19:43	34m	20:17	37m	20:55	40m	21:36	11h 20m	7h 34m					So, 14. Sep
Mo, 15. Sep	MESZ	21:33 – 00:11*	2h 38m	AN <sub>+</sub> bis M <sub>7</sub>		—:—	17:01	05:10	40m	05:51	37m	06:29	34m	07:03	12h 37m	19:41	34m	20:15	37m	20:53	40m	21:33	11h 24m	7h 39m					Mo, 15. Sep
Di, 16. Sep	MESZ	21:31 – 01:30*	3h 59m	AN <sub>+</sub> bis M <sub>7</sub>		00:11	17:43	05:12	40m	05:53	37m	06:31	34m	07:05	12h 33m	19:39	34m	20:13	37m	20:50	40m	21:31	11h 27m	7h 43m					Di, 16. Sep
Mi, 17. Sep	MESZ	21:28 – 02:51*	5h 22m	AN <sub>+</sub> bis M <sub>7</sub>		01:30	18:12	05:14	40m	05:54	37m	06:32	34m	07:06	12h 30m	19:36	34m	20:11	37m	20:48	39m	21:28	11h 31m	7h 47m					Mi, 17. Sep
Do, 18. Sep	MESZ	21:26 – 04:10*	6h 44m	AN <sub>+</sub> bis M <sub>7</sub>		02:51	18:33	05:16	40m	05:56	37m	06:34	34m	07:08	12h 26m	19:34	34m	20:08	37m	20:46	39m	21:26	11h 35m	7h 52m					Do, 18. Sep
Fr, 19. Sep	MESZ	21:23 – 05:20*	7h 56m	AN <sub>+</sub> bis AN <sub>-</sub>		04:10	18:49	05:18	39m	05:58	37m	06:35	34m	07:09	12h 22m	19:32	34m	20:06	37m	20:44	39m	21:23	11h 38m	7h 56m					Fr, 19. Sep
Sa, 20. Sep	MESZ	21:21 – 05:21*	8h 00m	AN <sub>+</sub> bis AN <sub>-</sub>		05:26	19:03	05:20	39m	05:59	37m	06:37	34m	07:11	12h 19m	19:30	34m	20:04	37m	20:41	39m	21:21	11h 42m	8h 00m					Sa, 20. Sep
So, 21. Sep	MESZ	21:18 – 05:23*	8h 04m	AN <sub>+</sub> bis AN <sub>-</sub>	☉	06:38	19:15	05:21	39m	06:01	37m	06:38	34m	07:12	12h 15m	19:28	34m	20:02	37m	20:39	39m	21:18	11h 46m	8h 04m					So, 21. Sep
Mo, 22. Sep	MESZ	21:16 – 05:25*	8h 09m	AN <sub>+</sub> bis AN <sub>-</sub>		07:49	19:26	05:23	39m	06:02	37m	06:40	34m	07:14	12h 11m	19:26	34m	20:00	37m	20:37	39m	21:16	11h 49m	8h 09m					Mo, 22. Sep
Di, 23. Sep	MESZ	21:13 – 05:27*	8h 13m	AN <sub>+</sub> bis AN <sub>-</sub>		09:00	19:39	05:25	39m	06:04	37m	06:41	34m	07:15	12h 08m	19:23	33m	19:57	36m	20:34	38m	21:13	11h 53m	8h 13m					Di, 23. Sep
Mi, 24. Sep	MESZ	21:11 – 05:28*	8h 17m	AN <sub>+</sub> bis AN <sub>-</sub>		10:10	19:53	05:27	39m	06:06	37m	06:43	34m	07:17	12h 04m	19:21	33m	19:55	36m	20:32	38m	21:11	11h 57m	8h 17m					Mi, 24. Sep
Do, 25. Sep	MESZ	21:08 – 05:30*	8h 21m	AN <sub>+</sub> bis AN <sub>-</sub>		11:22	20:11	05:28	38m	06:07	36m	06:44	34m	07:18	12h 00m	19:19	33m	19:53	36m	20:30	38m	21:08	12h 00m	8h 21m					Do, 25. Sep
Fr, 26. Sep	MESZ	21:06 – 05:32*	8h 25m	AN <sub>+</sub> bis AN <sub>-</sub>		12:33	20:33	05:30	38m	06:09	36m	06:46	34m	07:20	11h 57m	19:17	33m	19:51	36m	20:28	38m	21:06	12h 04m	8h 25m					Fr, 26. Sep
Sa, 27. Sep	MESZ	21:04 – 05:33*	8h 29m	AN <sub>+</sub> bis AN <sub>-</sub>		13:43	21:04	05:32	38m	06:10	36m	06:47	34m	07:21	11h 53m	19:15	33m	19:49	36m	20:25	38m	21:04	12h 08m	8h 29m					Sa, 27. Sep
So, 28. Sep	MESZ	21:45 – 05:35*	7h 50m	M <sub>\</sub> bis AN <sub>-</sub>		14:47	21:45	05:33	38m	06:12	36m	06:49	34m	07:23	11h 49m	19:12	33m	19:46	36m	20:23	38m	21:01	12h 11m	8h 33m					So, 28. Sep
Mo, 29. Sep	MESZ	22:38 – 05:37*	6h 58m	M <sub>\</sub> bis AN <sub>-</sub>		15:42	22:38	05:35	38m	06:13	36m	06:50	34m	07:24	11h 46m	19:10	33m	19:44	36m	20:21	38m	20:59	12h 15m	8h 37m					Mo, 29. Sep
Di, 30. Sep	MESZ	23:44 – 05:38*	5h 53m	M <sub>\</sub> bis AN <sub>-</sub>	☾	16:25	23:44	05:37	38m	06:15	36m	06:52	34m	07:26	11h 42m	19:08	33m	19:42	36m	20:19	38m	20:57	12h 19m	8h 41m					Di, 30. Sep
Mi, 1. Okt	MESZ	00:59* – 05:40*	4h 40m	M <sub>\</sub> bis AN <sub>-</sub>		16:58	—:—	05:38	38m	06:17	36m	06:53	34m	07:27	11h 38m	19:06	33m	19:40	36m	20:16	38m	20:54	12h 22m	8h 45m					Mi, 1. Okt
Do, 2. Okt	MESZ	02:19* – 05:42*	3h 22m	M <sub>\</sub> bis AN <sub>-</sub>		17:23	00:59	05:40	38m	06:18	36m	06:55	34m	07:29	11h 35m	19:04	33m	19:38	36m	20:14	37m	20:52	12h 26m	8h 49m					Do, 2. Okt
Fr, 3. Okt	MESZ	03:41* – 05:43*	2h 02m	M <sub>\</sub> bis AN <sub>-</sub>		17:43	02:19	05:42	37m	06:20	36m	06:56	34m	07:30	11h 31m	19:02	33m	19:36	36m	20:12	37m	20:50	12h 29m	8h 53m					Fr, 3. Okt
Sa, 4. Okt	MESZ	05:04* – 05:45*	41m	M <sub>\</sub> bis AN <sub>-</sub>		17:59	03:41	05:43	37m	06:21	36m	06:58	34m	07:32	11h 27m	19:00	33m	19:34	36m	20:10	37m	20:48	12h 33m	8h 57m					Sa, 4. Okt
So, 5. Okt	MESZ	—:~:~:~:~	—	Mond stört		18:14	05:04	05:45	37m	06:23	36m	06:59	34m	07:33	11h 24m	18:57	33m	19:31	36m	20:08	37m	20:46	12h 37m	9h 00m					So, 5. Okt
Mo, 6. Okt	MESZ	—:~:~:~:~	—	Mond stört		18:29	06:28	05:46	37m	06:24	36m	07:01	34m	07:35	11h 20m	18:55	34m	19:29	36m	20:06	37m	20:43	12h 40m	9h 04m					Mo, 6. Okt
Di, 7. Okt	MESZ	—:~:~:~:~	—	Mond stört	☉	18:45	07:55	05:48	37m	06:26	36m	07:02	34m	07:36	11h 16m	18:53	34m	19:27	36m	20:04	37m	20:41	12h 44m	9h 08m					Di, 7. Okt
Mi, 8. Okt	MESZ	—:~:~:~:~	—	Mond stört		19:04	09:25	05:50	37m	06:27	36m	07:04	34m	07:38	11h 13m	18:51	34m	19:25	36m	20:02	37m	20:39	12h 48m	9h 12m					Mi, 8. Okt
Do, 9. Okt	MESZ	—:~:~:~:~	—	Mond stört		19:30	10:57	05:51	37m	06:29	36m	07:05	34m	07:39	11h 09m	18:49	34m	19:23	36m	20:00	37m	20:37	12h 51m	9h 15m					Do, 9. Okt
Fr, 10. Okt	MESZ	—:~:~:~:~	—	Mond stört		20:06	12:29	05:53	37m	06:30	36m	07:07	34m	07:41	11h 06m	18:47	34m	19:21	36m	19:57	37m	20:35	12h 55m	9h 19m					Fr, 10. Okt
Sa, 11. Okt	MESZ	20:33 – 20:56	23m	AN <sub>+</sub> bis M <sub>7</sub>		20:56	13:51	05:54	37m	06:32	36m	07:08	34m	07:42	11h 02m	18:45	34m	19:19	36m	19:55	37m	20:33	12h 59m	9h 23m					Sa, 11. Okt
So, 12. Okt	MESZ	20:31 – 22:02	1h 30m	AN <sub>+</sub> bis M <sub>7</sub>		22:02	14:56	05:56	37m	06:33	36m	07:10	34m	07:44	10h 58m	18:43	34m	19:17	36m	19:53	37m	20:31	13h 02m	9h 26m					So, 12. Okt
Mo, 13. Okt	MESZ	20:29 – 23:18	2h 49m	AN <sub>+</sub> bis M <sub>7</sub>	☾	23:18	15:44	05:57	37m	06:35	36m	07:11	34m	07:46	10h 55m	18:41	34m	19:15	36m	19:51	37m	20:29	13h 06m	9h 30m					Mo, 13. Okt
Di, 14. Okt	MESZ	20:27 – 00:39*	4h 12m	AN <sub>+</sub> bis M <sub>7</sub>		—:—	16:16	05:59	37m	06:36	36m	07:13	34m	07:47	10h 51m	18:39	34m	19:13	36m	19:50	37m	20:27	13h 09m	9h 33m					Di, 14. Okt
Mi, 15. Okt	MESZ	20:25 – 01:59*	5h 33m	AN <sub>+</sub> bis M <sub>7</sub>		00:39	16:39	06:01	37m	06:38	36m	07:14	34m	07:49	10h 48m	18:37	34m	19:11	36m	19:48	37m	20:25	13h 13m	9h 37m					Mi, 15. Okt
Do, 16. Okt	MESZ	20:23 – 03:15*	6h 51m	AN <sub>+</sub> bis M <sub>7</sub>		01:59	16:57	06:02	37m	06:39	36m	07:16	34m	07:50	10h 44m	18:35	34m	19:09	36m	19:46	37m	20:23	13h 17m	9h 40m					Do, 16. Okt
Fr, 17. Okt	MESZ	20:21 – 04:27*	8h 06m	AN <sub>+</sub> bis M <sub>7</sub>		03:15	17:11	06:04	37m	06:41	36m	07:17	34m	07:52	10h 40m	18:33	34m	19:07	36m	19:44	37m	20:21	13h 20m	9h 44m					Fr, 17. Okt
Sa, 18. Okt	MESZ	20:19 – 05:38*	9h 19m	AN <sub>+</sub> bis M <sub>7</sub>		04:27	17:23	06:05	37m	06:42	36m	07:19	34m	07:54	10h 37m	18:31	34m	19:05	36m	19:42	37m	20:19	13h 24m	9h 47m					Sa, 18. Okt
So, 19. Okt	MESZ	20:17 – 06:08*	9h 51m	AN <sub>+</sub> bis AN <sub>-</sub>		05:38	17:35	06:07	37m	06:44	36m	0																	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
2025	Zeit- zone	Astr. dunkel und kein Mond			Mond			Beginn der Morgendämmerung					Sonne			Ende der Abenddämmerung					Nacht	Astr. N.	Naut. dunkel und kein Mond			2025		
		$\Delta t$			Ph.	$\nearrow$	$\searrow$	Astr.	$\Delta t$	Naut.	$\Delta t$	Bürg.	$\Delta t$	$\nearrow$	$\Delta t$	$\searrow$	$\Delta t$	Bürg.	$\Delta t$	Naut.	$\Delta t$	Astr.	$\Delta t$	$\Delta t$		$\Delta t$		
Di, 28. Okt		21:42 – 05:22*	7h 39m	M <sub>\</sub> bis AN <sub>\</sub>		13:57	21:42	05:20	37m	05:57	36m	06:34	35m	07:10	10h 02m	17:12	35m	17:47	36m	18:24	37m	19:01	13h 59m	10h 20m				Di, 28. Okt
Mi, 29. Okt		22:57 – 05:23*	6h 25m	M <sub>\</sub> bis AN <sub>\</sub>	☾	14:24	22:57	05:22	37m	05:59	37m	06:36	35m	07:11	9h 59m	17:10	35m	17:46	36m	18:23	37m	19:00	14h 02m	10h 23m				Mi, 29. Okt
Do, 30. Okt		00:16* – 05:24*	5h 08m	M <sub>\</sub> bis AN <sub>\</sub>		14:45	—:—	05:23	37m	06:00	37m	06:37	35m	07:13	9h 55m	17:09	35m	17:44	37m	18:21	37m	18:58	14h 05m	10h 26m				Do, 30. Okt
Fr, 31. Okt		01:35* – 05:26*	3h 50m	M <sub>\</sub> bis AN <sub>\</sub>		15:02	00:16	05:24	37m	06:02	37m	06:39	35m	07:15	9h 52m	17:07	35m	17:43	37m	18:20	37m	18:57	14h 09m	10h 29m				Fr, 31. Okt
Sa, 1. Nov		02:56* – 05:27*	2h 30m	M <sub>\</sub> bis AN <sub>\</sub>		15:17	01:35	05:26	37m	06:03	37m	06:40	35m	07:16	9h 49m	17:05	35m	17:41	37m	18:18	37m	18:55	14h 12m	10h 32m				Sa, 1. Nov
So, 2. Nov		04:20* – 05:29*	1h 08m	M <sub>\</sub> bis AN <sub>\</sub>		15:32	02:56	05:27	37m	06:05	37m	06:42	35m	07:18	9h 45m	17:04	35m	17:39	37m	18:17	37m	18:54	14h 15m	10h 34m				So, 2. Nov
Mo, 3. Nov		—:—:—:—	–	Mond stört		15:47	04:20	05:29	37m	06:06	37m	06:43	36m	07:19	9h 42m	17:02	35m	17:38	37m	18:15	37m	18:52	14h 19m	10h 37m				Mo, 3. Nov
Di, 4. Nov		—:—:—:—	–	Mond stört		16:05	05:48	05:30	37m	06:08	37m	06:45	36m	07:21	9h 39m	17:00	36m	17:36	37m	18:14	37m	18:51	14h 22m	10h 40m				Di, 4. Nov
Mi, 5. Nov		—:—:—:—	–	Mond stört	☾	16:28	07:20	05:32	37m	06:09	37m	06:46	36m	07:23	9h 36m	16:59	36m	17:35	37m	18:12	37m	18:50	14h 25m	10h 43m				Mi, 5. Nov
Do, 6. Nov		—:~:~:~:~	–	Mond stört		16:59	08:54	05:33	37m	06:10	37m	06:48	36m	07:24	9h 32m	16:57	36m	17:34	37m	18:11	37m	18:48	14h 28m	10h 46m				Do, 6. Nov
Fr, 7. Nov		—:~:~:~:~	–	Mond stört		17:44	10:24	05:34	37m	06:12	37m	06:50	36m	07:26	9h 29m	16:56	36m	17:32	37m	18:10	37m	18:47	14h 31m	10h 48m				Fr, 7. Nov
Sa, 8. Nov		—:~:~:~:~	–	Mond stört		18:46	11:41	05:36	37m	06:13	37m	06:51	36m	07:28	9h 26m	16:54	36m	17:31	37m	18:08	37m	18:46	14h 35m	10h 51m				Sa, 8. Nov
So, 9. Nov		18:45 – 20:02	1h 17m	AN <sub>+</sub> bis M <sub>7</sub>		20:02	12:37	05:37	37m	06:15	37m	06:53	36m	07:29	9h 23m	16:53	36m	17:29	37m	18:07	37m	18:45	14h 38m	10h 54m				So, 9. Nov
Mo, 10. Nov		18:43 – 21:24	2h 40m	AN <sub>+</sub> bis M <sub>7</sub>		21:24	13:16	05:39	37m	06:16	37m	06:54	36m	07:31	9h 20m	16:51	36m	17:28	37m	18:06	37m	18:43	14h 41m	10h 56m				Mo, 10. Nov
Di, 11. Nov		18:42 – 22:46	4h 04m	AN <sub>+</sub> bis M <sub>7</sub>		22:46	13:43	05:40	37m	06:18	37m	06:56	36m	07:33	9h 17m	16:50	36m	17:27	37m	18:05	37m	18:42	14h 44m	10h 59m				Di, 11. Nov
Mi, 12. Nov		18:41 – 00:04*	5h 23m	AN <sub>+</sub> bis M <sub>7</sub>	☾	—:—	14:03	05:41	37m	06:19	38m	06:57	37m	07:34	9h 14m	16:49	37m	17:26	37m	18:04	37m	18:41	14h 47m	11h 01m				Mi, 12. Nov
Do, 13. Nov		18:40 – 01:18*	6h 38m	AN <sub>+</sub> bis M <sub>7</sub>		00:04	14:18	05:43	37m	06:20	38m	06:59	37m	07:36	9h 11m	16:47	37m	17:24	38m	18:02	37m	18:40	14h 50m	11h 03m				Do, 13. Nov
Fr, 14. Nov		18:39 – 02:29*	7h 50m	AN <sub>+</sub> bis M <sub>7</sub>		01:18	14:31	05:44	37m	06:22	38m	07:00	37m	07:37	9h 08m	16:46	37m	17:23	38m	18:01	37m	18:39	14h 53m	11h 06m				Fr, 14. Nov
Sa, 15. Nov		18:38 – 03:39*	9h 00m	AN <sub>+</sub> bis M <sub>7</sub>		02:29	14:43	05:45	37m	06:23	38m	07:02	37m	07:39	9h 05m	16:45	37m	17:22	38m	18:00	37m	18:38	14h 55m	11h 08m				Sa, 15. Nov
So, 16. Nov		18:37 – 04:48*	10h 10m	AN <sub>+</sub> bis M <sub>7</sub>		03:39	14:55	05:47	37m	06:25	38m	07:03	37m	07:41	9h 02m	16:43	37m	17:21	38m	17:59	37m	18:37	14h 58m	11h 10m				So, 16. Nov
Mo, 17. Nov		18:36 – 05:49*	11h 13m	AN <sub>+</sub> bis AN <sub>\</sub>		04:48	15:08	05:48	37m	06:26	38m	07:04	37m	07:42	9h 00m	16:42	37m	17:20	38m	17:58	37m	18:36	15h 01m	11h 13m				Mo, 17. Nov
Di, 18. Nov		18:35 – 05:51*	11h 15m	AN <sub>+</sub> bis AN <sub>\</sub>		05:58	15:24	05:49	37m	06:27	38m	07:06	37m	07:44	8h 57m	16:41	37m	17:19	38m	17:57	37m	18:35	15h 04m	11h 15m				Di, 18. Nov
Mi, 19. Nov		18:35 – 05:52*	11h 17m	AN <sub>+</sub> bis AN <sub>\</sub>		07:09	15:43	05:51	38m	06:29	38m	07:07	37m	07:45	8h 54m	16:40	37m	17:18	38m	17:57	37m	18:35	15h 06m	11h 17m				Mi, 19. Nov
Do, 20. Nov		18:34 – 05:53*	11h 19m	AN <sub>+</sub> bis AN <sub>\</sub>	☾	08:19	16:08	05:52	38m	06:30	38m	07:09	38m	07:47	8h 52m	16:39	38m	17:17	38m	17:56	38m	18:34	15h 09m	11h 19m				Do, 20. Nov
Fr, 21. Nov		18:33 – 05:54*	11h 21m	AN <sub>+</sub> bis AN <sub>\</sub>		09:27	16:42	05:53	38m	06:31	38m	07:10	38m	07:48	8h 49m	16:38	38m	17:16	38m	17:55	38m	18:33	15h 11m	11h 21m				Fr, 21. Nov
Sa, 22. Nov		18:32 – 05:56*	11h 23m	AN <sub>+</sub> bis AN <sub>\</sub>		10:28	17:28	05:54	38m	06:33	38m	07:12	38m	07:50	8h 47m	16:37	38m	17:15	38m	17:54	38m	18:32	15h 14m	11h 23m				Sa, 22. Nov
So, 23. Nov		18:32 – 05:57*	11h 25m	AN <sub>+</sub> bis AN <sub>\</sub>		11:18	18:25	05:56	38m	06:34	38m	07:13	38m	07:51	8h 44m	16:36	38m	17:14	38m	17:53	38m	18:32	15h 16m	11h 25m				So, 23. Nov
Mo, 24. Nov		19:32 – 05:58*	10h 26m	M <sub>\</sub> bis AN <sub>\</sub>		11:57	19:32	05:57	38m	06:35	39m	07:14	38m	07:53	8h 42m	16:35	38m	17:14	39m	17:53	38m	18:31	15h 19m	11h 27m				Mo, 24. Nov
Di, 25. Nov		20:45 – 05:59*	9h 14m	M <sub>\</sub> bis AN <sub>\</sub>		12:26	20:45	05:58	38m	06:36	39m	07:16	38m	07:54	8h 40m	16:34	38m	17:13	39m	17:52	38m	18:30	15h 21m	11h 28m				Di, 25. Nov
Mi, 26. Nov		22:00 – 06:01*	8h 00m	M <sub>\</sub> bis AN <sub>\</sub>		12:49	22:00	05:59	38m	06:38	39m	07:17	38m	07:56	8h 37m	16:34	38m	17:12	39m	17:51	38m	18:30	15h 23m	11h 30m				Mi, 26. Nov
Do, 27. Nov		23:17 – 06:02*	6h 44m	M <sub>\</sub> bis AN <sub>\</sub>		13:07	23:17	06:01	38m	06:39	39m	07:18	38m	07:57	8h 35m	16:33	38m	17:12	39m	17:51	38m	18:29	15h 25m	11h 32m				Do, 27. Nov
Fr, 28. Nov		00:34* – 06:03*	5h 28m	M <sub>\</sub> bis AN <sub>\</sub>	☾	13:22	—:—	06:02	38m	06:40	39m	07:20	38m	07:59	8h 33m	16:32	38m	17:11	39m	17:50	38m	18:29	15h 27m	11h 33m				Fr, 28. Nov
Sa, 29. Nov		01:53* – 06:04*	4h 10m	M <sub>\</sub> bis AN <sub>\</sub>		13:36	00:34	06:03	38m	06:41	39m	07:21	39m	08:00	8h 31m	16:31	39m	17:11	39m	17:50	38m	18:28	15h 29m	11h 35m				Sa, 29. Nov
So, 30. Nov		03:16* – 06:05*	2h 49m	M <sub>\</sub> bis AN <sub>\</sub>		13:50	01:53	06:04	38m	06:43	39m	07:22	39m	08:01	8h 29m	16:31	39m	17:10	39m	17:49	38m	18:28	15h 31m	11h 36m				So, 30. Nov
Mo, 1. Dez		04:43* – 06:06*	1h 23m	M <sub>\</sub> bis AN <sub>\</sub>		14:06	03:16	06:05	38m	06:44	39m	07:23	39m	08:03	8h 27m	16:30	39m	17:10	39m	17:49	38m	18:28	15h 33m	11h 38m				Mo, 1. Dez
Di, 2. Dez		—:~:~:~:~	–	Mond stört		14:26	04:43	06:06	38m	06:45	39m	07:24	39m	08:04	8h 25m	16:30	39m	17:09	39m	17:49	38m	18:27	15h 35m	11h 39m				Di, 2. Dez
Mi, 3. Dez		—:~:~:~:~	–	Mond stört		14:52	06:14	06:07	38m	06:46	39m	07:26	39m	08:05	8h 24m	16:29	39m	17:09	39m	17:48	38m	18:27	15h 37m	11h 41m				Mi, 3. Dez
Do, 4. Dez		—:~:~:~:~	–	Mond stört		15:29	07:47	06:08	38m	06:47	39m	07:27	39m	08:06	8h 22m	16:29	39m	17:08	39m	17:48	38m	18:27	15h 38m	11h 42m				Do, 4. Dez
Fr, 5. Dez		—:~:~:~:~	–	Mond stört	☾	16:23	09:13	06:09	38m	06:48	39m	07:28	39m	08:08	8h 20m	16:28	39m	17:08	39m	17:48	38m	18:27	15h 40m	11h 43m				Fr, 5. Dez
Sa, 6. Dez		—:~:~:~:~	–	Mond stört		17:35	10:21	06:10	38m	06:49	39m	07:29	39m	08:09	8h 19m	16:28	39m	17:08	39m	17:48	38m	18:27	15h 41m	11h 44m				Sa, 6. Dez
So, 7. Dez		18:27 – 18:58	31m	AN <sub>+</sub> bis M <sub>7</sub>		18:58	11:10	06:11	38m	06:50	39m	07:30	39m	08:10	8h 18m	16:28	39m	17:08	39m	17:48	38m	18:27	15h 42m	11h 45m				So, 7. Dez
Mo, 8. Dez		18:27 – 20:24	1h 57m	AN <sub>+</sub> bis M <sub>7</sub>		20:24	11:43	06:12	38m	06:51	39m	07:31	39m	08:11	8h 16m	16:28	39m	17:08	39m	17:48	38m	18:27	15h 44m	11h 46m				Mo, 8. Dez
Di, 9. Dez		18:27 – 21:47	3h 20m	AN <sub>+</sub> bis M <sub>7</sub>		21:47	12:06	06:13	38m	06:52	40m	07:32	40m															



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
2025/26	Zeit- zone	Astr. dunkel und kein Mond			Mond			Beginn der Morgendämmerung					Sonne			Ende der Abenddämmerung					Nacht	Astr. N.	Naut. dunkel und kein Mond			2025/26		
			$\Delta t$		Ph.	$\nearrow$	$\searrow$	Astr.	$\Delta t$	Naut.	$\Delta t$	Bürg.	$\Delta t$	$\nearrow$	$\Delta t$	$\searrow$	$\Delta t$	Bürg.	$\Delta t$	Naut.	$\Delta t$	Astr.	$\Delta t$	$\Delta t$		$\Delta t$		
Mi, 17. Dez		18:28–06:20*	11h 51m	AN <sub>+</sub> bis AN <sub>-</sub>		06:09	14:11	06:19	39m	06:58	40m	07:39	40m	08:19	8h 09m	16:28	40m	17:09	40m	17:49	39m	18:28	15h 51m	11h 51m				Mi, 17. Dez
Do, 18. Dez		18:28–06:20*	11h 52m	AN <sub>+</sub> bis AN <sub>-</sub>		07:18	14:42	06:20	39m	06:59	40m	07:39	40m	08:20	8h 08m	16:29	40m	17:09	40m	17:49	39m	18:28	15h 51m	11h 52m				Do, 18. Dez
Fr, 19. Dez		18:29–06:21*	11h 52m	AN <sub>+</sub> bis AN <sub>-</sub>		08:21	15:24	06:20	39m	07:00	40m	07:40	40m	08:20	8h 08m	16:29	40m	17:09	40m	17:50	39m	18:29	15h 51m	11h 52m				Fr, 19. Dez
Sa, 20. Dez		18:29–06:22*	11h 52m	AN <sub>+</sub> bis AN <sub>-</sub>	●	09:15	16:18	06:21	39m	07:00	40m	07:40	40m	08:21	8h 08m	16:29	40m	17:10	40m	17:50	39m	18:29	15h 52m	11h 52m				Sa, 20. Dez
So, 21. Dez		18:30–06:22*	11h 52m	AN <sub>+</sub> bis AN <sub>-</sub>		09:57	17:23	06:22	39m	07:01	40m	07:41	40m	08:21	8h 08m	16:30	40m	17:10	40m	17:51	39m	18:30	15h 52m	11h 52m				So, 21. Dez
Mo, 22. Dez		18:36–06:22*	11h 46m	M <sub>\</sub> bis AN <sub>-</sub>		10:29	18:36	06:22	39m	07:01	40m	07:41	40m	08:22	8h 08m	16:30	40m	17:11	40m	17:51	39m	18:30	15h 52m	11h 52m				Mo, 22. Dez
Di, 23. Dez		19:51–06:23*	10h 32m	M <sub>\</sub> bis AN <sub>-</sub>		10:54	19:51	06:22	39m	07:02	40m	07:42	40m	08:22	8h 08m	16:31	40m	17:11	40m	17:52	39m	18:31	15h 51m	11h 52m				Di, 23. Dez
Mi, 24. Dez		21:06–06:23*	9h 16m	M <sub>\</sub> bis AN <sub>-</sub>		11:13	21:06	06:23	39m	07:02	40m	07:42	40m	08:23	8h 08m	16:32	40m	17:12	40m	17:52	39m	18:31	15h 51m	11h 51m				Mi, 24. Dez
Do, 25. Dez		22:22–06:24*	8h 01m	M <sub>\</sub> bis AN <sub>-</sub>		11:28	22:22	06:23	39m	07:02	40m	07:43	40m	08:23	8h 09m	16:32	40m	17:13	40m	17:53	39m	18:32	15h 51m	11h 51m				Do, 25. Dez
Fr, 26. Dez		23:38–06:24*	6h 45m	M <sub>\</sub> bis AN <sub>-</sub>		11:42	23:38	06:24	39m	07:03	40m	07:43	40m	08:23	8h 09m	16:33	40m	17:13	40m	17:54	39m	18:33	15h 50m	11h 51m				Fr, 26. Dez
Sa, 27. Dez		00:57*–06:24*	5h 27m	M <sub>\</sub> bis AN <sub>-</sub>	◐	11:56	—:—	06:24	39m	07:03	40m	07:43	40m	08:24	8h 10m	16:34	40m	17:14	40m	17:54	39m	18:33	15h 50m	11h 50m				Sa, 27. Dez
So, 28. Dez		02:18*–06:24*	4h 06m	M <sub>\</sub> bis AN <sub>-</sub>		12:10	00:57	06:24	39m	07:03	40m	07:44	40m	08:24	8h 10m	16:35	40m	17:15	40m	17:55	39m	18:34	15h 49m	11h 50m				So, 28. Dez
Mo, 29. Dez		03:45*–06:25*	2h 40m	M <sub>\</sub> bis AN <sub>-</sub>		12:27	02:18	06:24	39m	07:03	40m	07:44	40m	08:24	8h 11m	16:35	40m	17:16	40m	17:56	39m	18:35	15h 48m	11h 49m				Mo, 29. Dez
Di, 30. Dez		05:14*–06:25*	1h 10m	M <sub>\</sub> bis AN <sub>-</sub>		12:49	03:45	06:25	39m	07:04	40m	07:44	40m	08:24	8h 12m	16:36	40m	17:16	40m	17:57	39m	18:36	15h 47m	11h 49m				Di, 30. Dez
Mi, 31. Dez		—:—:—:—	–	Mond stört		13:20	05:14	06:25	38m	07:04	40m	07:44	40m	08:24	8h 13m	16:37	40m	17:17	40m	17:57	38m	18:36	15h 46m	11h 48m				Mi, 31. Dez
Do, 1. Jan		—:—:—:—	–	Mond stört		14:04	06:42	06:25	38m	07:04	40m	07:44	40m	08:24	8h 14m	16:38	40m	17:18	40m	17:58	38m	18:37	15h 45m	11h 47m				Do, 1. Jan
Fr, 2. Jan		—:—:—:—	–	Mond stört		15:06	07:58	06:25	38m	07:04	40m	07:44	40m	08:24	8h 15m	16:39	40m	17:19	40m	17:59	38m	18:38	15h 44m	11h 46m				Fr, 2. Jan
Sa, 3. Jan		—:~:~:~:~	–	Mond stört	○	16:24	08:57	06:25	38m	07:04	40m	07:44	39m	08:24	8h 16m	16:40	39m	17:20	40m	18:00	38m	18:39	15h 43m	11h 45m				Sa, 3. Jan
So, 4. Jan		—:~:~:~:~	–	Mond stört		17:52	09:37	06:25	38m	07:04	39m	07:44	39m	08:24	8h 17m	16:41	39m	17:21	39m	18:01	38m	18:40	15h 42m	11h 44m				So, 4. Jan
Mo, 5. Jan		18:41–19:19	37m	AN <sub>+</sub> bis M <sub>7</sub>		19:19	10:05	06:25	38m	07:04	39m	07:44	39m	08:23	8h 19m	16:43	39m	17:22	39m	18:02	38m	18:41	15h 40m	11h 43m				Mo, 5. Jan
Di, 6. Jan		18:42–20:42	1h 59m	AN <sub>+</sub> bis M <sub>7</sub>		20:42	10:26	06:25	38m	07:04	39m	07:43	39m	08:23	8h 20m	16:44	39m	17:23	39m	18:03	38m	18:42	15h 39m	11h 42m				Di, 6. Jan
Mi, 7. Jan		18:43–21:59	3h 16m	AN <sub>+</sub> bis M <sub>7</sub>		21:59	10:42	06:25	38m	07:03	39m	07:43	39m	08:23	8h 22m	16:45	39m	17:25	39m	18:04	38m	18:43	15h 37m	11h 41m				Mi, 7. Jan
Do, 8. Jan		18:44–23:13	4h 28m	AN <sub>+</sub> bis M <sub>7</sub>		23:13	10:55	06:24	38m	07:03	39m	07:43	39m	08:22	8h 23m	16:46	39m	17:26	39m	18:05	38m	18:44	15h 35m	11h 40m				Do, 8. Jan
Fr, 9. Jan		18:45–00:24*	5h 39m	AN <sub>+</sub> bis M <sub>7</sub>		—:—	11:08	06:24	38m	07:03	39m	07:43	39m	08:22	8h 25m	16:47	39m	17:27	39m	18:07	38m	18:45	15h 34m	11h 38m				Fr, 9. Jan
Sa, 10. Jan		18:46–01:35*	6h 48m	AN <sub>+</sub> bis M <sub>7</sub>	◑	00:24	11:21	06:24	38m	07:03	39m	07:42	39m	08:21	8h 27m	16:49	39m	17:28	39m	18:08	38m	18:46	15h 32m	11h 37m				Sa, 10. Jan
So, 11. Jan		18:47–02:46*	7h 58m	AN <sub>+</sub> bis M <sub>7</sub>		01:35	11:35	06:24	38m	07:02	39m	07:42	39m	08:21	8h 29m	16:50	39m	17:29	39m	18:09	38m	18:47	15h 30m	11h 35m				So, 11. Jan
Mo, 12. Jan		18:49–03:57*	9h 08m	AN <sub>+</sub> bis M <sub>7</sub>		02:46	11:52	06:23	38m	07:02	39m	07:41	39m	08:20	8h 31m	16:51	39m	17:31	39m	18:10	38m	18:49	15h 28m	11h 34m				Mo, 12. Jan
Di, 13. Jan		18:50–05:07*	10h 16m	AN <sub>+</sub> bis M <sub>7</sub>		03:57	12:13	06:23	38m	07:01	39m	07:41	39m	08:20	8h 33m	16:53	39m	17:32	39m	18:11	38m	18:50	15h 26m	11h 32m				Di, 13. Jan
Mi, 14. Jan		18:51–06:12*	11h 21m	AN <sub>+</sub> bis M <sub>7</sub>		05:07	12:41	06:22	38m	07:01	39m	07:40	38m	08:19	8h 35m	16:54	38m	17:33	39m	18:12	38m	18:51	15h 24m	11h 31m				Mi, 14. Jan
Do, 15. Jan		18:52–06:21*	11h 29m	AN <sub>+</sub> bis AN <sub>-</sub>		06:12	13:19	06:22	38m	07:00	39m	07:40	38m	08:18	8h 37m	16:56	38m	17:35	39m	18:14	38m	18:52	15h 21m	11h 29m				Do, 15. Jan
Fr, 16. Jan		18:53–06:21*	11h 27m	AN <sub>+</sub> bis AN <sub>-</sub>		07:10	14:09	06:21	38m	07:00	39m	07:39	38m	08:18	8h 39m	16:57	38m	17:36	39m	18:15	38m	18:53	15h 19m	11h 27m				Fr, 16. Jan
Sa, 17. Jan		18:55–06:20*	11h 25m	AN <sub>+</sub> bis AN <sub>-</sub>		07:56	15:12	06:21	38m	06:59	39m	07:38	38m	08:17	8h 41m	16:59	38m	17:37	39m	18:16	38m	18:55	15h 17m	11h 25m				Sa, 17. Jan
So, 18. Jan		18:56–06:20*	11h 23m	AN <sub>+</sub> bis AN <sub>-</sub>	●	08:32	16:23	06:20	38m	06:59	38m	07:37	38m	08:16	8h 44m	17:00	38m	17:39	38m	18:18	38m	18:56	15h 14m	11h 23m				So, 18. Jan
Mo, 19. Jan		18:57–06:19*	11h 21m	AN <sub>+</sub> bis AN <sub>-</sub>		08:58	17:38	06:20	38m	06:58	38m	07:37	38m	08:15	8h 46m	17:02	38m	17:40	38m	18:19	38m	18:57	15h 12m	11h 21m				Mo, 19. Jan
Di, 20. Jan		18:58–06:18*	11h 19m	AN <sub>+</sub> bis AN <sub>-</sub>		09:19	18:55	06:19	38m	06:57	38m	07:36	38m	08:14	8h 49m	17:03	38m	17:41	38m	18:20	38m	18:58	15h 09m	11h 19m				Di, 20. Jan
Mi, 21. Jan		20:12–06:18*	10h 05m	M <sub>\</sub> bis AN <sub>-</sub>		09:35	20:12	06:18	38m	06:56	38m	07:35	38m	08:13	8h 51m	17:05	38m	17:43	38m	18:22	38m	19:00	15h 07m	11h 17m				Mi, 21. Jan
Do, 22. Jan		21:29–06:17*	8h 47m	M <sub>\</sub> bis AN <sub>-</sub>		09:50	21:29	06:18	37m	06:56	38m	07:34	37m	08:12	8h 54m	17:06	37m	17:44	38m	18:23	38m	19:01	15h 04m	11h 15m				Do, 22. Jan
Fr, 23. Jan		22:46–06:16*	7h 29m	M <sub>\</sub> bis AN <sub>-</sub>		10:03	22:46	06:17	37m	06:55	38m	07:33	37m	08:11	8h 57m	17:08	37m	17:46	38m	18:24	37m	19:02	15h 01m	11h 13m				Fr, 23. Jan
Sa, 24. Jan		00:06*–06:15*	6h 09m	M <sub>\</sub> bis AN <sub>-</sub>		10:17	—:—	06:16	37m	06:54	38m	07:32	37m	08:10	8h 59m	17:10	37m	17:47	38m	18:26	37m	19:04	14h 59m	11h 11m				Sa, 24. Jan
So, 25. Jan		01:28*–06:14*	4h 45m	M <sub>\</sub> bis AN <sub>-</sub>		10:33	00:06	06:15	37m	06:53	38m	07:31	37m	08:09	9h 02m	17:11	37m	17:49	38m	18:27	37m	19:05	14h 56m	11h 08m				So, 25. Jan
Mo, 26. Jan		02:54*–06:13*	3h 18m	M <sub>\</sub> bis AN <sub>-</sub>	◒	10:52	01:28	06:14	37m	06:52	38m	07:30	37m	08:08	9h 05m	17:13	37m	17:50	38m	18:29	37m	19:06	14h 53m	11h 06m				Mo, 26. Jan
Di, 27. Jan		04:20*–06:12*	1h 51m	M <sub>\</sub> bis AN <sub>-</sub>		11:18	02:54	06:13	37m	06:51	38m	07:29	37m	08:06	9h 08m	17:15	37m	17:52	38m	18:30	37m	19:08	14h 50m	11h 04m				Di, 27. Jan
Mi, 28. Jan		05:40*–06:11*	31m																									